

环保无溶剂聚氨酯胶黏剂
水性聚氨酯胶黏剂
水性聚氨酯涂层树脂

Eco-Friendly Solvent-Free Polyurethane Adhesive
Water-Based Polyurethane Adhesive
Water-Based Polyurethane Coating Resin

www.hechengcpu.com



— 公司概况

聚氨酯创研领域的践行者

Expert in polyurethane material solutions

上海鹤城高分子科技有限公司创立于 2009 年，是一家专业以聚氨酯预聚体 (CPU)、衍生物及下游产品为主导新材料研发、生产、销售的国家级高新技术企业。公司多年来一直注重研发创新，自主研发上百种产品，能够与国际高端产品对标，填补国内市场空白。

公司产品包括：聚氨酯预聚体、聚氨酯组合料、水性聚氨酯树脂、水性自消光树脂及低游离预聚体，产品应用覆盖机械、纺织、矿山、石油等基础工业领域，以及光伏、印刷、汽车、船舶等新兴和特殊行业，销往美国、日本、马来西亚等东南亚以及欧美诸多国家，在行业内享有盛誉。

Shanghai Hecheng Polymer Technology Co., Ltd. Was established in 2009, We are a leading national high-tech enterprise focused on R&D, manufacturing and global supply of high-performance polyurethane (CPU) elastomer materials. We deliver tailored material solutions to meet precise customer demands. Our products include polyurethane prepolymers, polyurethane systems, waterborne polyurethane resins, waterborne self-matting resins and low-free prepolymers. Widely used in automotive, textiles, photovoltaics, machinery, mining, marine, leather coating and industrial auxiliary parts.



核心业务

专注聚氨酯预聚体及衍生产品研发生产

Core Business

Focus on the research and production of polyurethane prepolymers and their derivatives



研发团队

技术人员占比超 25%

R&D Team

The proportion of technical personnel exceeds 25%.



品质承诺

严苛品控 + 精密检测设备 + 全流程服务

Quality Commitment

Strict quality control system + precise testing equipment + full-process service



环保无溶剂聚氨酯胶黏剂

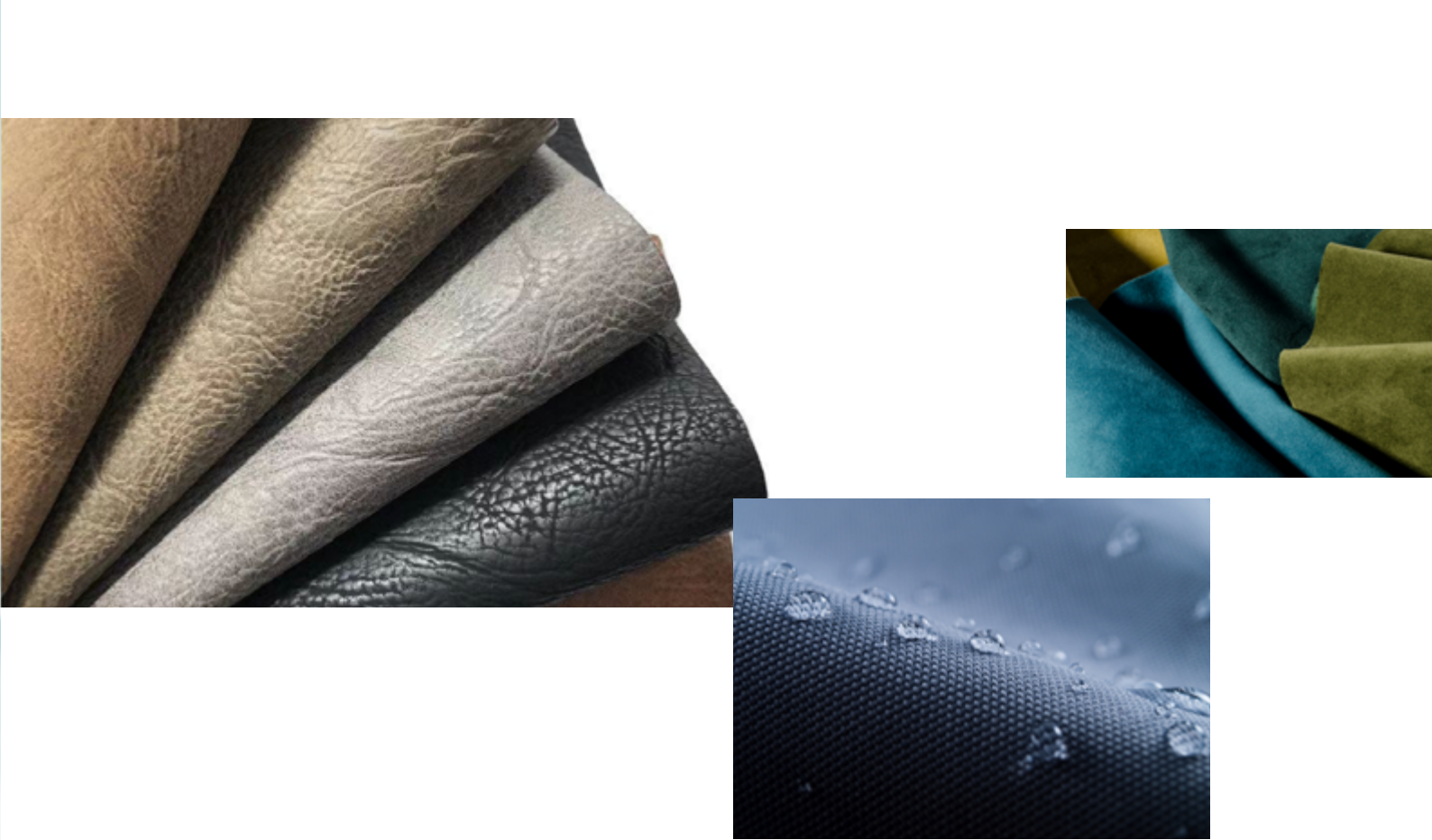
Eco-Friendly Solvent-Free Polyurethane Adhesive

本公司生产单组份湿固化、双组份、三组份、PUR 热熔四类无溶剂聚氨酯胶黏剂，产品可广泛应用纺织、皮革、木器、PVC/ABS 塑胶、金属、PU 发泡、汽车内饰、蜂窝板材等基材的复合、灌封与防护涂层加工。

- 100% 固含无溶剂，零 VOC 挥发，符合环保出口标准
- 耐水、耐热、耐低温，固化后剥离与剪切强度高
- 开放时长、胶膜硬度型号齐全，适配冷压、热压、模压各类工艺
- 适配自动化施胶设备与手工加工，基材通用性强。

Our company produces four types of solvent-free polyurethane adhesives: single component wet curing, two-component, three component, and PUR hot melt. The products can be widely used for composite, sealing, and protective coating processing of substrates such as textiles, leather, wood, PVC/ABS plastics, metals, PU foam, automotive interiors, honeycomb panels, etc

- 100% solid solvent-free, zero VOC volatilization, in compliance with environmental export standards
- Waterproof, heat-resistant, low-temperature resistant, high peel and shear strength after curing
- The opening time and film hardness models are complete, suitable for various processes such as cold pressing, hot pressing, and molding
- Compatible with automated glue application equipment and manual processing, with strong substrate versatility.



☑ 环保无溶剂聚氨酯胶黏剂 Eco-friendly solvent-free polyurethane adhesive	
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环保无溶剂聚氨酯胶黏剂

Eco-Friendly Solvent-Free Polyurethane Adhesive

// High adhesive strength, water and heat resistance, suitable for metal, plastic, textile, wood, etc

No dilution required, zero VOC. Suitable for cold prepress / hot press / molding process .Applications: auto interiors, panels, foam, potting. Various open times / hardness options for automated or manual use.

// 粘接强度高、耐水耐热，适配金属、塑胶、纺织、木材多类基材

无需稀释、无 VOC 挥发，适配冷压 / 热压 / 模压多种工艺，覆盖汽车内饰、板材复合、发泡材料粘接、工业灌封等场景，不同开放时长与硬度型号可匹配自动化设备及手工加工需求。



产品 Product	核心特点 Key Features	纺织涂层/粘合Textile Coating / Bonding	皮革鞋材 Leather / Footwear		PVC/ABS塑胶复合 PVC / ABS Bonding	木材应用 Wood Application	金属复合 Metal Bonding	泡棉/EVA软材料 Foam Material	汽车内饰 Automotive Interior	特殊应用 Special Application
HA-100E	初粘强度高、耐刮擦、耐水性极佳	High initial adhesion, scratch & water resistant	✓	✓	✓					
HA-300C	耐水性优良、粘接强度高	Low temp. resistance, high peel strength			✓			✓	✓	
HA-300P	胶膜柔软弹性、粘接强度优异	Elastic film, high adhesion	✓	✓	✓			✓	✓	
HA-5660C	环氧改性、高强度	Epoxy modified, high strength			✓	✓	✓	✓	✓	
HA-1028	固化适中、耐水、汽车顶棚专用	Moderate cure, water-resistant, for car roofs	✓		✓		✓	✓	✓	
HA-600AB	无溶剂环保、中硬弹性	Solvent-free, eco-friendly, medium-hard elastic	✓	✓	✓	✓			✓	
HA-400AB	中硬度高韧性、附着力强	Medium hard, tough, strong adhesion	✓		✓	✓	✓		✓	
HA-4015AB	固化速度快、高硬弹性	Fast cure, high hardness & elasticity	✓	✓					✓	✓
HA-1019AB	无催化剂、耐热	Non-catalyzed, heat-resistant		✓	✓				✓	
HA-1971AB	高剥离、适配铝膜塑料复合	High peel, for Al film/plastic lamination			✓		✓			
HC-1019-1AB	低粘度、金属混凝土粘结	Low viscosity, for metal/concrete					✓			✓
HC-5975ABC	三组分体系、高耐磨高撕裂	3-component, high wear & tear resistance	✓		✓			✓	✓	
HR-5210-4	结晶型高初粘、耐候耐刮	Crystalline, high initial bond, weather/scratch resistant	✓	✓	✓				✓	
HR-0725	低熔融粘度、长开放时间	Low melt viscosity, long open time		✓		✓				
HR-5130C	耐黄变、开放时长	Anti-yellowing, long open time	✓	✓				✓		
HR-0515	高粘度高结晶、耐高温基材适用	High viscosity, high crystallinity, for high-temp substrates	✓	✓	✓					
HR-0520	胶膜强韧耐水泡	Tough film, water-bubble resistant	✓	✓					✓	
HR-0522	耐候极佳、金属塑胶长期贴合稳定	Top weather resistance, stable metal/plastic bond			✓		✓			
HR-0523	低粘度耐水	Low viscosity, water-resistant	✓	✓	✓					
HR-0525	高初粘、纺织贴合、耐老化	High initial adhesion, for textiles, anti-aging	✓	✓						
HR-0540	短开放高剥离、耐水稳定	Short open time, high peel, water-resistant & stable	✓	✓	✓					

单组份湿固化聚氨酯粘合剂
Single-component moisture-curing polyurethane adhesive



HA-100E

成份		特殊多元醇，改性异氰酸酯等 Special polyols, modified isocyanates etc.
技术数据	25℃ 外观 25℃ Appearance	微黄微浑黏稠液体 Slightly yellowish liquid
	粘度 Viscosity	3000±1000mpa·s/25℃
	NCO%	12.0±0.5
	固含量 Solid Content	100%
	包装 Package	25Kg/桶
材料特性		- 单组份湿固化无溶剂环保粘合剂。 - 固含量100%，初粘强度高。 - 干燥后具有优异的粘接强度。 - 耐刮擦、耐水性极佳。 - Single-component wet-curing solvent-free eco-friendly adhesive. 100% solid content, high initial tack strength. - Excellent bonding strength after drying. - Scratch-resistant and highly water-resistant.
成品用途		- 广泛适用于橡胶与有机材料的粘结。 - Widely applicable for bonding rubber and organic materials.
粘合剂使用方法		- 将粘合剂均匀刮涂或辊涂在干净干燥的基材表面。 - 常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为3-4小时左右即可。 - 涂布半干贴压工艺，涂布后60-70℃烘干1-2分钟，常温或50-60℃热压贴合（压力2Kg以上），贴合后50-60℃熟化12-24小时，若常温熟化需24-48小时，环境湿度越高则固化越快。 - 本品对湿气敏感，常温施工的操作期在4-6小时，加热70℃以下操作期在2-3小时。 - 使用时如需降低粘度，请用聚氨酯常用溶剂（如乙酸乙酯，乙酸丁酯，甲苯，二甲苯，环己酮等）稀释，但要求溶剂含水量低于0.1%。 - Apply by spreading or rolling onto a clean, dry substrate. - Cure at room temperature (25℃, >50% RH): approx. 3-4 h. - For semi-dry lamination: dry at 60-70℃ for 1-2 min, then bond at room temperature or 50-60℃ (pressure >2 kg). Post-cure at 50-60℃ for 12-24 h, or at room temperature for 24-48 h (higher humidity accelerates curing). - Moisture-sensitive; pot life: 4-6 h at room temperature, 2-3 h below 70℃. - If viscosity reduction is needed, dilute with common PU solvents (e.g., ethyl acetate, butyl acetate, toluene, xylene, cyclohexanone) with water content <0.1%.
注意事项		- 粘合剂储存时应放在低温干燥的地方，在较高温度（超过75℃）下加热不应超过3小时。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Store adhesive in a cool dry place. Heating over 75℃ is limited to within 3 hours. - Use opened adhesive as soon as possible; seal with nitrogen if leftover. - Unopened shelf life: 6 months.

HA-300C

成份		特殊大分子多元醇，小分子醇，改性异氰酸酯等 Special high/low molecular weight polyols, alcohols and modified isocyanates
技术数据	产品类型 Product Type	单组份聚氨酯湿固化 Single-component polyurethane moisture curing
	外观 Appearance	透明至半透明黏稠液体 Transparent to semi-transparent viscous liquid
	粘度 Viscosity	3200±200mpa·s/25℃
	固含量 Solid Content	100%
	密度 Density	1.02
	施工可操作时间 Construction time	2.5-3.5h
	剪切强度 Shear strength	≥3MPa
	施工温度 Construction temperature	0-40℃
材料特性	涂胶量 Amount of glue	100-400g/m ² (不同基材决定) (Depends on the different base materials)
		- 无溶剂单组份湿固化，环保粘合剂。 - 固化速度适中、耐水性优良、不含挥发溶剂。 - 干燥后具有优异的粘接强度。 - Solvent-free one-component moisture-curing, eco-friendly. - Cures at a moderate speed, has excellent water resistance, and contains no volatile solvents. - Once dry, it has outstanding bonding strength.
	成品用途	300C是通过化学反应而固化形成一种中软弹性的物质，固化前后体积没有明显的变化。特别适合软基材的复合粘结。 - 可用作粘合剂、灌封及涂层，对PU泡棉及其它发泡材料，塑料（未处理的PET/PP/PE除外）及硬发泡材料表面有很好的粘合性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：各材质软泡棉、PVC、ABS等塑胶复合、PU/EVA等泡沫板复合、纺织材料复合。 - Medium-soft elastic, low cure shrinkage, suitable for soft substrate bonding. - Applicable for bonding, potting and coating. It adheres well to PU foam, rigid foam and most plastics (excluding untreated PET/PP/PE). Cured material features high peel strength and excellent low temperature resistance. - Applications: Bonding of various soft foams, plastics (PVC, ABS), PU/EVA foam boards, and textile materials.
粘合剂使用方法		- 将胶黏剂均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：手工或机器压合，正压2Kg以上压力。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23℃ 3-5天。 - Apply the adhesive evenly on a clean, dry, and grease-free substrate surface. - Bonding pressure: press manually or with a machine, with a positive pressure of over 2Kg. - Room-temperature cure for 2 h gives initial bond strength; full cure at 23℃ for 3-5 days recommended for testing.
注意事项		- 粘合剂储存时应密封室温放置在干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为12个月（常温）。 - Adhesives should be stored sealed at room temperature in a dry environment. - Opened adhesives should be used up as soon as possible, and if not, they need to be sealed. - Unopened shelf life: 12 months (room temperature).



		HA-300P
成份		特殊聚醚多元醇，小分子醇，改性异氰酸酯等 Special high/low molecular weight polyols, alcohols and modified isocyanates
技术数据	产品类型 Product Type	单组份聚氨酯湿固化 Single-component polyurethane moisture curing
	外观 Appearance	透明至半透明黏稠液体 Transparent to semi-transparent viscous liquid
	粘度 Viscosity	4000±200mpa-s/25℃
	固含量 Solid Content	100%
	密度 Density	1.02
	施工可操作时间 Construction time	2.5-3.5h
	剪切强度 Shear strength	≥3MPa
	施工温度 Construction temperature	0-40℃
	涂胶量 Amount of glue	100-400g/m ² (不同基材决定) (Depends on the different base materials)
材料特性		- 无溶剂单组份湿固化，环保粘合剂。 - 固化速度适中、耐水性优良、不含挥发溶剂。 - 干燥后具有优异的粘接强度。 - 固化后的胶膜柔软有弹性。 - Solvent-free one-component moisture-curing, eco-friendly. - Cures at a moderate speed, has excellent water resistance, and contains no volatile solvents. - Once dry, it has outstanding bonding strength. - The cured adhesive film is soft and elastic.
成品用途		300P是通过化学反应而固化形成一种软弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对PU,TPU,PVC,，塑料（未处理的PET/PP/PE除外）及硬发泡材料表面有良好的粘合性。固化后具有较高的剥离强度和优异的耐低温性能。 - 应用领域：PVC、ABS等塑胶复合、PU/EVA等泡沫板复合、纺织材料复合。 - Soft elastic, low cure shrinkage. - It can be used as an adhesive, potting, or coating. It sticks well to PU, TPU, PVC, plastics (except untreated PET/PP/PE), and rigid foams. Once cured, it has high peel strength and excellent low-temperature resistance. - Applications: Bonding of plastics (PVC, ABS), PU/EVA foam boards, and textile materials.
粘合剂使用方法		- 将胶黏剂均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：手工或机器压合，正压2Kg以上压力。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23℃ 3-5天。 - Apply the adhesive evenly on a clean, dry, and grease-free substrate surface. - Bonding pressure: press manually or with a machine, with a positive pressure of over 2Kg. - Initial cure occurs after 2 hours at room temperature, providing initial bonding strength. For final full cure, conditioning at 23℃ for 3-5 days is recommended before testing.
注意事项		- 粘合剂储存时应密封室温放置在干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为12个月（常温）。 - Adhesives should be stored sealed at room temperature in a dry environment. - Opened adhesives should be used up as soon as possible, and if not, they need to be sealed. - Unopened shelf life: 12 months (room temperature).

		HA-5660C
成份		特殊大分子多元醇，环氧树脂，改性异氰酸酯等 Special large-molecule polyols, epoxy resins, modified isocyanates, and so on.
技术数据	产品类型 Product Type	单组份环氧改性聚氨酯湿固化 Single-component epoxy-modified polyurethane moisture curing
	外观 Appearance	透明微黄黏稠液体 A clear, slightly yellow, sticky liquid
	粘度 Viscosity	10000±2000mpa-s/25°C
	固含量 Solid Content	100%
	密度 Density	1.02
	施工可操作时间 Construction time	2-2.5h
	剪切强度 Shear strength	≥10MPa
	施工温度 Construction temperature	0-40°C
	涂胶量 Amount of glue	100-400g/m ² (不同基材决定) (Depends on the different base materials)
材料特性		- 无溶剂单组份湿固化，环保粘合剂。 - 固化速度适中、耐水性优良、不含挥发溶剂。 - 干燥后具有优异的粘接强度，可搭配少量环氧固化剂提高物性。 - Solvent-free one-component moisture-curing, eco-friendly. - Cures at a moderate speed, has excellent water resistance, and contains no volatile solvents. - Once dry, it has outstanding bonding strength.It can be combined with a small amount of epoxy curing agent to improve physical properties.
成品用途		5660C是通过化学反应而固化形成一种硬弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对金属、木材、纺织等材料表面有很好的粘合性。固化后具有较高的剥离强度和优异的耐低温性能。 - 应用领域：金属、木材及塑胶材料的复合、PU/EVA等泡沫板复合、纺织材料复合。 - Hard elastic, low cure shrinkage. - It can be used as an adhesive, potting agent, and coating material, exhibiting excellent bonding properties on surfaces of metals, wood, textiles, and other materials. After curing, it possesses high peel strength and outstanding low-temperature resistance. - Applications: Bonding of metals, wood, plastics (PVC, ABS), PU/EVA foam boards, and textile materials.
粘合剂使用方法		- 将胶黏剂均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：手工或机器压合，正压2Kg以上压力。 - 涂胶复合后有较好的定位性，表干时间2小时，完全固化在8-12小时，最终固化黏结检测建议为23°C3-5天。 - Apply the adhesive evenly on the clean, dry, and oil-free surface of the substrate. - Pressure bonding: Hand or machine pressing, with a positive pressure of over 2Kg. - After lamination, it offers good green strength (positioning). Surface dry time: 2 h; complete cure: 8-12 h. For final bond strength testing, condition at 23°C for 3-5 days.
注意事项		- 粘合剂储存时应密封室温放置在干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为12个月（常温）。 - Adhesives should be stored sealed at room temperature in a dry environment. - Opened adhesives should be used up as soon as possible, and if not, they need to be sealed. - Unopened shelf life: 12 months (room temperature).

HA-1028		
成份	特殊多元醇，改性异氰酸酯等 special polyols, modified isocyanates, and so on	
技术数据	25℃ 外观 25℃ Appearance	棕色粘稠液体 Brown viscous liquid
	粘度 Viscosity	1500-2500mpa·s/25℃
	NCO%	22-24
	固含量 Solid Content	100%
	包装 Package	20Kg/桶
材料特性	- 单组份无溶剂环保粘合剂，固含量100%。 - 初粘强度高，完全固化后具有优异的粘接强度、耐水性极佳。 - One component solvent-free environmentally friendly adhesive with a solid content of 100%. - High initial adhesion strength, excellent bonding strength and water resistance after complete curing.	
成品用途	- 汽车顶棚，PU泡顶棚骨架成型，适用于一步法及两步法顶棚骨架成型工艺。 - Car roof, PU foam roof skeleton forming, suitable for one-step and two-step roof skeleton forming processes.	
粘合剂使用方法	- 辊筒上胶在干净干燥的基材表面（辊筒温度30-45℃），上胶量100-150g/m²。 - 上胶后喷水，喷水量在胶量的80%-120%，喷水后需在10分钟内模压成型。 - 模压温度120-140℃，模压时间要≥30S，（控制好模具间隙）。 - 固化温度需保证环境温度>10℃，10-15℃固化时间7天，环境温度≥25℃时72小时粘结性能达到最佳。 - 本品对湿气特别敏感，开封后尽量用完，如剩余则需氮气密封保存。 - Application: Roller-coat onto clean, dry substrate (roller 30-45℃) at 100-150 g/m². - Water spray: 80%-120% of coat weight; mold within 10 min after spraying. - Molding: 120-140℃, ≥30 s (control mold gap). - Curing: >10℃ ambient; 7 days at 10-15℃, or 72 h at ≥25℃ for optimal bonding. - Storage: Moisture-sensitive; use promptly after opening; seal leftovers with N₂.	
注意事项	- 粘合剂储存时应放在低温（15-25℃）通风干燥的地方，物料如需加热，加热温度不要超过70℃，严禁局部过热！ - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂建议的储存期为6个月。 - Adhesive should be stored in a low temperature (15-25℃), ventilated and dry place. If the material needs to be heated, the heating temperature should not exceed 70℃, and local overheating is strictly prohibited! - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.	

		双组份聚氨酯粘合剂 Two component polyurethane adhesive	
		HA-600AB	
成份	特殊多元醇，小分子醇，改性异氰酸酯等 Special polyols, small molecule alcohols, modified isocyanates, etc		
技术数据	产品名称 Product Name	HA-600A	HA-600B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	改性异氰酸酯聚合物 Modified isocyanate polymer
	外观 Appearance	浅绿色透明黏稠液体 Light green transparent viscous liquid	透明黏稠液体 Transparent viscous liquid
	粘度 Viscosity	1000±200mpa-s/25℃	800±100mpa-s/25℃
	密度 Density	1.05±0.05	1.1±0.05
	固含量 Solid Content	100%	100%
	混合比例 Mixing Ratio	1	1
	混合后操作时间 Operating Time	室温10-15分钟 Room temperature for 10-15 min	
	混合后状态粘度 State viscosity	流体（Fluid） 900±200mpa-s/25℃	
	剪切强度 shear strength	≥3MPa	
材料特性	施工温度 Construction temperature	0-40℃，亦可100-120℃热压贴合 0-40℃ or hot press lamination at 100-120℃	
	涂胶量 Amount of glue	100-400g/m ² (不同基材决定) (Depends on the different base materials)	
成品用途	- 无溶剂双组份，环保粘合剂，固化速度快、耐水性优良，不含挥发溶剂，干燥后具有优异的粘接强度。 - Solvent free two-component, environmentally friendly adhesive, fast curing speed, excellent water resistance, no volatile solvents, and excellent bonding strength after drying.		
	600AB是经两个组份通过化学反应而固化形成一种中硬弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对PU,TPU,PVC,，塑料（未处理的PET/PP/PE除外）、金属及硬发泡材料表面有很好的粘性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：塑胶材料之间及与金属的复合，纺织材料复合。 - Medium-hard elastic, low after curing shrinkage. - Can be used as an adhesive, potting, and coating, with good adhesion to surfaces of PU, TPU, PVC, plastics (excluding untreated PET/PP/PE), metals, and hard foam materials. After curing, it has high peel strength and excellent low temperature resistance. - Application areas: Composite between plastic materials and metals, composite of textile materials.		
粘合剂使用方法	- 将A/B两组份按比列混合均匀后均匀涂布在干净干燥、无油脂的基材表面。 - 涂层应用，涂布后于100-120℃烘干2-3分钟，室温则需1小时以上。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23℃3-5天。 - 冷粘贴合：操作时间内涂胶贴合，15分钟初步固化，24小时以上完全固化。 - 热压贴合，涂布后即贴合，于100-120℃热压1-2分钟，压力温度可随基材调整，取出常温放置48小时以上。辊压建议：涂胶后即贴合，100-120℃辊压后常温熟化。 - Mix A/B at specified ratio; apply onto clean, dry, oil-free substrate. - Coating drying: 100-120℃ for 2-3 min, or RT for ≥1 h. - Initial cure: 2 h at RT gives initial bond strength; full cure testing at 23℃ for 5 days. - Cold lamination: Apply & bond within pot life; initial cure 15 min; full cure ≥24 h. - Hot press lamination: Bond immediately after coating; press at 100-120℃ for 1-2 min (pressure/temp adjustable); condition at RT ≥48 h. Roller lamination: Bond immediately after coating; roll at 100-120℃; then condition at RT .		
	- 粘合剂储存时应密封室温放置在干燥环境下。开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为12个月（常温）。 - Adhesive storage should be sealed and placed in a dry environment at room temperature. The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 12 months (room temperature).		



HA-400AB			
成份	特殊多元醇，改性异氰酸酯、小分子扩链剂等 Special polyols, modified isocyanates, small molecule chain extenders, etc		
技术数据	产品名称 Product Name	HA-400A	HA-400B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	异氰酸酯聚合物 Isocyanate polymer
	外观 Appearance	透明黏稠液体 Transparent viscous liquid	透明黏稠液体 Transparent viscous liquid
	粘度 Viscosity	6000±200mpa-s/25℃	10000±500mpa-s/25℃
	混合后粘度 Viscosity after mixing	8000±200mpa-s/25℃	
	配比 Ratio	1	1
	固含量 Solid Content	100%	100%
	混合后操作时间 Time	20-25min	
	初步固化温度及时间 Initial curing temperature and time	25℃：1.5h	120℃：5min 150℃：3min
	固化后期熟化时间 Curing time in the later stage	25℃ 24h以上	
材料特性	完全固化后硬度 Hardnessafter complete curing	邵A：80	
	包装Packaging	20Kg/桶.200Kg/桶	
		- 环保无溶剂聚氨酯，中硬度，高韧性，附着力强。 - Environmentally friendly solvent-free polyurethane, medium hardness, high toughness, strong adhesion.	
成品用途		- 广泛适用于纺织、塑胶、木器等基材的涂层处理及粘结复合。 - 基材附着力好，涂层高韧滑爽耐磨，耐水解及耐老化性强。 - Widely applicable for coating treatment and bonding composite of textile, plastic, wood and other substrates. - Good substrate adhesion, high toughness, smooth and wear-resistant coating, strong resistance to hydrolysis and aging.	
粘合剂使用方法		- 将AB组份按比例混合均匀后（混料温度25-40℃），涂布在干净干燥的基材表面，建议120-150℃烘干3-5分钟。 - 烘干后降温即可收卷或叠放，常温熟化24小时以上，完全固化后测试性能。 - 建议使用双组份施胶机上料，辊涂或刮涂施工。 - 根据不同应用，涂胶量建议100-500g/m²。 - Mix A/B at specified ratio (mixing temp 25-40℃) and apply onto clean, dry substrate. Dry at 120-150℃ for 3-5 min. - Cooling after drying, then roll or stack, Condition at RT for ≥24 h, test after full cure. - Apply via two-component dispensing machine, roller or blade coating. - Recommended coat weight: 100-500 g/m² depending on application.	
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).	

HA-4015AB			
成份	特殊多元醇，小分子醇、胺，改性异氰酸酯等 Special polyols, small molecule alcohols, amines, modified isocyanates, etc		
技术数据	产品名称 Product Name	HA-4015A	HA-4015B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	改性异氰酸酯聚合物 Modified isocyanate polymer
	外观 Appearance	浅绿色透明黏稠液体 Light green transparent viscous liquid	微浑黏稠液体 Slightly turbid viscous liquid
	粘度 Viscosity	6000±500mpa-s/25℃	10000±1000mpa-s/25℃
	密度 Density	1.05±0.05	1.1±0.05
	混合后粘度 Viscosity after mixing	流体（Fluid）8000±500mpa-s/25℃	
	混合比例 Mixing Ratio	1	1
	固含量 Solid Content	100%	100%
	混合后操作时间 Time	室温2-3min Room temperature for 2-3 min	
	剪切强度 shear strength	≥3MPa（分基材） (based on substrate)	
材料特性	施工温度 Construction temperature	0-40℃，亦可100-120℃热压贴合 0-40℃ or hot press lamination at 100-120℃	
	涂胶量 Amount of glue	100-400g/m²(不同基材决定）（Determined by different substrates)	
		- 无溶剂双组份，环保粘合剂，固化速度快、耐水性优良。 - 不含挥发溶剂，干燥后具有优异的粘接强度。 - Solvent free two-component, environmentally friendly adhesive, fast curing speed, excellent water resistance. - Free of volatile solvents, with excellent adhesive strength after drying.	
成品用途		4015AB是通过化学反应而固化形成一种高硬弹性的物质，两组分混合后快速初步固化，建议使用双组份施胶机。 - 可用作粘合剂、灌封及涂层，对PU,TPU,PVC,，木材，塑料（未处理的PET/PP/PE除外）、金属及硬发泡材料表面有很好的粘合性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：塑胶材料复合、金属结构复合，木材及纺织材料复合。 - High-hardness elastic; fast curing upon mixing; two-component machine application recommended. - Usage:adhesive, pottng, coating. Bonds well to PU, TPU, PVC, wood, plastics (excl. untreated PET/PP/PE), metals, rigid foams. High peel strength & excellent low-temp resistance after cure. - Application areas: Composite of plastic materials, composite of metal structures, composite of wood and textile materials.	
粘合剂使用方法		- 将A/B两组份按比列混合均匀后均匀涂布在干净干燥、无油脂的基材表面。 - 涂层应用，涂布后于100-120℃烘干1-2分钟，室温则需15分钟以上。 - 室温放置5分钟初步固化有初始粘接强度，最终固化粘结检测建议为23℃ 1-2天。 - 冷粘贴合：操作时间内涂胶贴合，5分钟内初步固化，24小时以上完全固化。 - 热压贴合，涂布后即贴合，于100-120℃热压1-2分钟，压力温度可随基材调整，取出常温放置48小时以上。辊压建议：涂胶后即贴合，100-120℃辊压后常温熟化。 - Mix A/B at specified ratio and apply evenly onto clean, dry, grease-free substrate. - For coating: dry at 100-120℃ for 1-2 min, or air dry at RT for ≥15 min. - RT cure for 5 min gives initial bond strength; full cure testing at 23℃ for 1-2 days. - Cold lamination: bond within pot life; initial cure within 5 min, full cure ≥24 h. - Hot press: bond immediately after coating, press at 100-120℃ for 1-2 min (pressure/temp adjustable), take it out and place it at RT≥48h. Roller lamination: bond immediately after coating; roll at 100-120℃, then curing at RT.	
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为12个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius.The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 12 months (room temperature).	



		HA-1019AB	
成份	特殊多元醇，改性异氰酸酯、填料等 Special polyols, modified isocyanates, fillers, etc		
技术数据	产品名称 Product Name	HA-1019A	HA-1019B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	改性异氰酸酯 Modified isocyanate
	外观 Appearance	米色黏稠液体 Beige viscous liquid	褐色黏稠液体 Brown viscous liquid
	粘度 Viscosity	25000±3000mpa-s/25°C	250±20mpa-s/25°C
	密度 Density	1.6±0.05	1.2±0.05
	固含量 Solid Content	100%	100%
	混合比例 Mixing Ratio	5	1
	混合后操作时间 Operating Time	50±15min	
	混合后状态粘度 State viscosity	流体（Fluid）8000±1000mpa-s/25°C	
	剪切强度 shear strength	≥6MPa	
材料特性	施工温度 Construction temperature	15-40°C	
	涂胶量 Amount of glue	250-400g/m²(不同基材决定）（Determined by different substrates)	
成品用途	- 无溶剂双组份，无催化剂环保粘合剂，固化速度快、耐热性优良、不含挥发溶剂，干燥后具有优异的粘接强度。 - Solvent free two-component, catalyst free environmentally friendly adhesive, fast curing speed, excellent heat resistance, no volatile solvents, and excellent bonding strength after drying.		
	1019AB是通过化学反应而固化形成一种硬弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对金属、木材、塑料（未处理的PP/PE除外）及硬发泡材料表面有很好的粘合性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：三明治板复合、铝蜂窝板复合、岩棉板复合、泡沫板复合、硅钙板复合。 - Hard elastic, low cure shrinkage. - Can be used as an adhesive, potting, and coating, with good adhesion to metal, wood, plastic (except untreated PP/PE), and hard foam material surfaces. After curing, it has high peel strength and excellent low temperature resistance. - Application fields: sandwich board composite, aluminum honeycomb board composite, rock wool board composite, foam board composite, calcium silicate board composite.		
粘合剂使用方法	- 将A/B两组份按比列混合均匀后均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：正压6Kg以上压力，负压为一个标准大气压。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23°C5-7天。 - Mix the A/B components evenly in proportion and apply them evenly on a clean, dry, and oil-free substrate surface. - Adhesive pressure: Positive pressure above 6Kg, negative pressure is one standard atmospheric pressure. - After being left at room temperature for 2 hours for initial curing, there is an initial bonding strength. The recommended final curing and setting test is 23°C for 5-7 days.		
注意事项	- 粘合剂储存时应密封室温放置在干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。未开封的粘合剂的储存期为12个月（常温）。 - Adhesive storage should be sealed and placed in a dry environment at room temperature. - Unopened shelf life: 12 months (room temperature).		

		HA-1971AB	
成份	特殊多元醇，改性异氰酸酯等 Special polyols, modified isocyanates, etc		
技术数据	产品名称 Product Name	HA-1971A	HA-1971B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	改性异氰酸酯 Modified isocyanate
	外观 Appearance	浅黄色黏稠液体 Light yellow viscous liquid	褐色黏稠液体 Brown viscous liquid
	粘度 Viscosity	1500-2000mpa-s/25°C	250±20mpa-s/25°C
	密度 Density	1.1±0.05	1.2±0.05
	固含量 Solid Content	100%	100%
	混合比例 Mixing Ratio	2	1
	混合后操作时间 Operating Time	60±15min	
	混合后状态粘度 State viscosity	流体（Fluid）1500±200mpa-s/25°C	
	剪切强度 shear strength	≥6MPa	
材料特性	施工温度 Construction temperature	15-40°C，亦可100-120°C热压贴合 15-40°C or hot press lamination at 100-120°C	
	涂胶量 Amount of glue	250-400g/m²(不同基材决定)（Determined by different substrates)	
成品用途	- 无溶剂双组份，环保粘合剂，固化速度快、耐热性优良、不含挥发溶剂，干燥后具有优异的粘接强度。 - Solvent free two-component, environmentally friendly adhesive, fast curing speed, excellent heat resistance, no volatile solvents, excellent bonding strength after drying.		
	1971AB是通过化学反应而固化形成一种硬弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对PU,TPU,PVC,铝膜，塑料（未处理的PP/PE除外）及硬发泡材料表面有很好的粘合性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：PVC等塑料复合、铝蜂窝板复合、岩棉板复合、泡沫板复合。 - Hard elastic, low cure shrinkage. - Can be used as an adhesive, potting, and coating, with good adhesion to surfaces of PU, TPU, PVC, aluminum film, plastics (excluding untreated PP/PE), and hard foam materials. After curing, it has high peel strength and excellent low temperature resistance. - Application fields: PVC and other plastics composite, aluminum honeycomb board composite, rock wool board composite, foam board composite.		
粘合剂使用方法	- 将A/B两组份按比列混合均匀后均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：正压2Kg以上压力，负压为一个标准大气压。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23°C5-7天。 - 热压贴合，建议真空脱泡后于100-120°C热压10-20分钟，取出常温放置48小时以上。 - Mix the A/B components in proportion and evenly apply them onto a clean, dry, and oil-free substrate surface. - Adhesive pressure: Positive pressure above 2Kg, negative pressure is one standard atmospheric pressure. - After being left at room temperature for 2 hours, the initial bonding strength is achieved through initial curing, and the recommended final curing and setting test is 23°C for 5-7 days. - Hot pressing bonding, it is recommended to vacuum defoam and heat press at 100-120°C for 10-20 minutes, then remove and leave at room temperature for at least 48 hours.		
	- 粘合剂储存时应密封室温放置于干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。未开封的粘合剂的储存期为12个月（常温）。 - Adhesive storage should be sealed and placed in a dry environment at room temperature. - Unopened shelf life: 12 months (room temperature).		
注意事项			

		HC-1019-1AB	
成份	特殊多元醇，改性异氰酸酯等 Special polyols, modified isocyanates, etc		
技术数据	产品名称 Product Name	HC-1019-1A	HC-1019B
	产品类型 Product Type	改性羟基化合物 Modified hydroxy compounds	改性异氰酸酯 Modified isocyanate
	外观 Appearance	米色黏稠液体 Beige viscous liquid	褐色黏稠液体 Brown viscous liquid
	粘度 Viscosity	500±30mpa-s/25℃	250±20mpa-s/25℃
	密度 Density	1.1±0.05	1.2±0.05
	固含量 Solid Content	100%	100%
	混合比例 Mixing Ratio	100	60
	混合后操作时间 Operating Time	50±15min	
	混合后状态粘度 State viscosity	流体（Fluid）500±20mpa-s/25℃	
	剪切强度 shear strength	≥6MPa	
材料特性	施工温度 Construction temperature	10-40℃	
	涂胶量 Amount of glue	250-400g/m ² （不同基材决定）（Determined by different substrates）	
成品用途	- 无溶剂双组份，无催化剂环保粘合剂，固化速度快、耐热性优良、不含挥发溶剂，干燥后具有优异的粘接强度。 - Solvent free two-component, catalyst free environmentally friendly adhesive, fast curing speed, excellent heat resistance, no volatile solvents, and excellent bonding strength after drying.		
	1019AB是通过化学反应而固化形成一种硬弹性的物质，固化前后体积没有明显的变化。 - 可用作粘合剂、灌封及涂层，对金属、木材、塑料（未处理的PP/PE除外）及硬发泡材料和其它无机材料表面有很好的粘合性。固化后有较高的剥离强度和优异的耐低温性能。 - 应用领域：金属制品、混凝土表面粘结、铝蜂窝板复合、岩棉板复合、泡沫板复合、硅钙板复合。 - Hard elastic, low cure shrinkage. - It can be used as an adhesive, potting, and coating, with good adhesion to the surfaces of metals, wood, plastics (excluding untreated PP/PE), hard foam materials, and other inorganic materials. After curing, it has high peel strength and excellent low temperature resistance. - Application fields: metal products, concrete surface bonding, aluminum honeycomb board composite, rock wool board composite, foam board composite, calcium silicate board composite.		
粘合剂使用方法	- 将A/B两组份按比例混合均匀后均匀涂布在干净干燥、无油脂的基材表面。 - 贴合压力：正压6Kg以上压力，负压为一个标准大气压。 - 室温放置2小时初步固化有初始粘接强度，最终固化凝结检测建议为23℃5-7天。 - Mix the A/B components in proportion and evenly apply them onto a clean, dry, and oil-free substrate surface. - Adhesive pressure: Positive pressure above 6Kg, negative pressure is one standard atmospheric pressure. - After being left at room temperature for 2 hours, the initial bonding strength is achieved through initial curing, and the recommended final curing and setting test is 23℃ for 5-7 days.		
	- 粘合剂储存时应密封室温放置在干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。未开封的粘合剂的储存期为12个月（常温）。 - Adhesive storage should be sealed and placed in a dry environment at room temperature. - Unopened shelf life:12 months (room temperature).		
注意事项			

三组分聚氨酯涂层树脂

Three component polyurethane coating resin

HC-5975ABC

	产品名称 Product Name	HC-5975A	HC-5975B	HC-5975C
技术数据	外观 Appearance	粘稠透明液体 Light green transparent viscous liquid	无色至微黄色透明液体 Transparent viscous liquid	无色透明液体 Colorless Transparent Liquid
	粘度 Viscosity	1800/50℃	50/25℃	70/25℃
	NCO含量% NOC Content	-	30±0.5	-
	比重 Specific gravity	1.23	1.22	1.01
材料特性	- 基于MDI聚酯类聚氨酯预聚体，制品优点是耐磨性能好，有良好的抗拉伸裂性能，具有较高的剥离强度和回弹性能。 - Based on MDI polyester polyurethane prepolymer, the advantages of the product are good wear resistance, good tensile tear resistance, high peel strength and rebound performance.			
成品用途	- 主要用于尼龙等纺织布的耐磨、耐刮、抗拉伸裂和回弹要求的表面涂层及粘接。 - Mainly used for surface coating and bonding of nylon and other textile fabrics with requirements for wear resistance, scratch resistance, tear resistance, and rebound resistance.			
浇注机涂层工艺	- ABC三种物料低于25℃时，会有结晶发生，需提前60-70℃烘化。催化剂使用前摇匀。流平剂、催化剂可与A料一起加入A料罐中搅匀。也可加入浇注机上的其它助剂罐中，严格按照配比调制机器出料。 - 浇注混料刮涂时，A料温度35-40℃，B和C料温度25-35℃。 - 刮涂后110-120℃烘2.5分钟，170-180℃烘2-2.5分钟，降温收卷，室温熟化24小时以上。 - When the temperature of the three materials ABC is below 25℃, crystallisation will occur, melt them at 60-70℃ in advance. Shake the catalyst well before using. Leveling agent. catalyst can be added to the A material tank together and stirred evenly. It can also be added to other additive tanks on the pouring machine, and the machine discharge should be strictly adjusted according to the ratio. - When pouring and scraping the mixed material, the temperature of material A is 35-40℃, and the temperature of materials B and C is 25-35℃. - After scraping, dry at 110-120℃ for 2.5 minutes, at 170-180℃ for 2-2.5 minutes, cool down and roll, and cure at room temperature for more than 24 hours.			
	- 预热温度不要过高，过长，避免局部过热，使用前摇匀。 - 提升固化速度和脱模时间可通过添加催化剂实现，催化剂在混合前加到多元醇A组分。 - 凝胶时间是以200g原料手工混合搅拌为准的，机器混合速度要快1分钟左右；模具温度影响凝胶时间。 - The preheating temperature should not be too high or too long to avoid local overheating. Shake well before use. - Adding catalyst to component A, to reduce pot life and demolding time. - Pot life on basis 200g material by hand mixing, pot life faster 1 min. by machine process. Mold temp. affect pot life.			
注意事项	- 干燥密封保存，未开封材料储存期为6个月。开封后尽快用完，未用完最好氮气密封。 - 如要添加色浆或其它物料，请保持添加物的含水量在0.1%以下，并考虑添加物的相容性。 - Store dry & sealed. 6months shelf-life unopened. Use promptly after opening, best to nitrogen-seal for unused material. - If you want to add color paste or other materials, please keep the water content of the additive below 0.1% and consider the compatibility of the additive.			

POL组分 POL components	HC-5975A	92.5	项目 Project team	检测标准 Testing Standard	单位 Unit	75A
ISO组分 ISOcomponents	HC-5975B	39	硬度(25℃) Hardness(25℃)	GB/T 531.1-2008	邵氏 A	76±2A
扩链剂 Chain extender	HC-5975C	8.5	100%定伸 100% fixed extension	GB/T 528-2009	MPa	3.2
催化剂 Catalyst	CGT	0.5	300%定伸 300% fixed extension	GB/T 528-2009	MPa	6.4
流平剂 Leveling agent	750	0.5	拉伸强度 Tensile strength	GB/T 528-2009	MPa	25
A加工温度 A processing temperature	℃	35-40	伸长率 Elongation	GB/T 528-2009	%	700
B加工温度 B processing temperature	℃	25-35	撕裂强度 Tear strength	GB/T 529-2008	KN/m	59
C加工温度 C processing temperature	℃	25-35	回弹率 Rebound rate	GB/T 1681-2009	%	40
凝胶时间 Gel time	min	8-10	辊筒磨损 Roller wear	GB/T 9867-2008	mm³	40
			相对密度 Relative density	GB/T 533-2008	g/cm³	1.209

反应型聚氨酯热熔胶
PolyUrethane Reactive Hot-Melt Adhesive



HR-5210-4

成份		特殊多元醇，改性异氰酸酯等 Special polyols, modified isocyanates, etc
技术数据	产品名称 Product Name	环保型无溶剂聚氨酯粘合剂（PUR） Environmentally friendly solvent-free polyurethane adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	6000±1000mpa·s/80℃
	NCO%	2.6±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	100-120S
	剥离强度（铝板与超纤皮） Peel strength (Aluminum plate and microfiber leather)	>50N/cm
	施胶温度 Glue application temperature	120-130℃
材料特性		- 无溶剂型环保粘合剂，固含量100%，初粘强度高，因较强的结晶性干燥后具有优异的粘接强度，耐刮擦、耐候性极佳，剥离强度高。 - Solvent free environmentally friendly adhesive with a solid content of 100%, high initial bonding strength, excellent adhesion strength after drying due to strong crystallinity, excellent scratch resistance, weather resistance, and high peel strength.
成品用途		- 广泛适用于建材等无机材料，金属，铝箔、PVC/PET塑胶、橡胶与有机材料的粘结。 - Widely applicable for bonding inorganic materials such as building materials, metals, aluminum foil, PVC/PET plastics, rubber, and organic materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂或辊涂在干净干燥的基材表面，结晶前加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化12-24小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃,>50%RH) for 8-12h, or at 50-60℃ (>50%RH) for 6-8h. - After full cure, condition at RT for 12-24 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方，在较高温度（超过75℃）下加热不应超过3小时。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature dry place and heated at a higher temperature (over 75℃) for no more than 3 hours. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.

HR-0725

成份		特殊多元醇，改性多元醇及异氰酸酯等 Special polyols, modified polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	3000-4000mpa·s/120℃
	NCO%	2.3±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	6-7min
	熔融温度℃ Melting temperature℃	60-65
	剥离强度（ABS与超纤皮） Peel strength (ABS and microfiber leather)	>70N/cm
	施胶温度 Glue application temperature	100-120℃
	耐水性（水泡七天） Water resistance (soaking for seven days)	剥离强度保持96%以上 The peel strength remains above 96%
材料特性		- 无溶剂型环保粘合剂，固含量100%，熔融黏度低，开放时间长，初粘性好，剥离强度高，耐水耐老化性能好。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, low melt viscosity, long opening time, good initial adhesion, high peel strength, and good water and aging resistance.
成品用途		- 适用于有机材料，PVC/PC/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for bonding organic materials, PVC/PC/ABS and other plastics, PU and foam materials, textiles, and wood materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃,>50%RH) for 8-12h,or at 50-60℃ (>50%RH) for 6-8h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.



		HR-5130C
成份		特殊多元醇，改性多元醇及异氰酸酯等 Special polyols, modified polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	1500-2500mpa·s/120℃
	NCO%	4.2±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	8-10min
	熔融温度 Melting temperature	55-60℃
	剥离强度（PE板与超纤皮） Peel strength (PE board and microfiber leather)	>25N/cm
	施胶温度 Glue application temperature	80-100℃
材料特性		- 无溶剂型环保粘合剂，固含量100%，熔融黏度低，开放时间长，初粘性好，剥离强度高，耐老化耐黄变性能好。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, low melt viscosity, long opening time, good initial adhesion, high peel strength, and good aging and yellowing resistance.
成品用途		- 适用于有机材料，PVC/PC/ABS/PA及处理过的PP/PE/等塑胶、PU及发泡材料、纺织材料粘结。 - Suitable for bonding organic materials, PVC/PC/ABS/PA and treated PP/PE/plastics, PU and foam materials, textile materials, etc.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate,bond under pressure within open time. - Cure at RT (25℃,>50%RH) for 8-12h,or at 50-60℃ (>50%RH) for 6-8h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.

		HR-0515
成份		特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	60000-70000mpa·s/120℃
	NCO%	1.5±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	110-130S
	熔融温度 Melting temperature	70-75℃
	剥离强度（PC与超纤皮） Peel strength (PC and microfiber leather)	>50N/cm
	施胶温度 Glue application temperature	140-170℃
材料特性		- 无溶剂型环保粘合剂，固含量100%，初粘强度高，因较强的结晶性干燥后具有优异的粘接强度，剥离强度高。 - Solvent free environmentally friendly adhesive with a solid content of 100%, high initial bonding strength, excellent bonding strength after drying due to strong crystallinity, and high peel strength.
成品用途		- 适用于建材等无机材料，金属，PVC/PC/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for bonding inorganic materials such as building materials, metals, plastics such as PVC/PC/ABS, PU and foam materials, textiles, and wood materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.

HR-0520		
成份		特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	8500-9500mpa-s/120℃
	NCO%	2.0±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	100-120S
	熔融温度℃ Melting temperature℃	65-70℃
	剥离强度（PC与超纤皮） Peel strength (PC and microfiber leather)	>75N/cm
	施胶温度 Glue application temperature	130-150℃
	耐水性（水泡七天） Water resistance (soaking for seven days)	剥离强度保持90%以上 Maintain a peel strength of over 90%
材料特性		- 无溶剂型环保粘合剂，固含量100%，初粘强度高，固化后具有优异的粘接强度，胶膜韧性强，耐水耐老化性好，剥离强度高。 - Solvent free environmentally friendly adhesive with a solid content of 100%, high initial bonding strength, excellent bonding strength after curing, strong film toughness, good water and aging resistance, and high peel strength.
成品用途		- 适用于建材等无机材料，金属，PVC/PET/PA/PE/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for bonding inorganic materials such as building materials, metals, plastics such as PVC/PET/PA/PE/ABS, PU and foam materials, textiles, and wood materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate; bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.

HR-0522		
成份		特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	6500-7500mpa-s/120℃
	NCO%	2.2±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	240-280S
	熔融温度 Melting temperature	60-65℃
	剥离强度（抛光铁与超纤皮） Peel strength (Polishing iron and microfiber leather)	>70N/cm
	施胶温度 Glue application temperature	120-140℃
材料特性		- 无溶剂型环保粘合剂，固含量100%，粘度低，开放时间长，初粘强度高，固化后具有优异的粘接强度，耐水耐老化性好、耐候性极佳，剥离强度高。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, low viscosity, long opening time, high initial bonding strength, excellent bonding strength after curing, good water and aging resistance, excellent weather resistance, and high peel strength.
成品用途		- 适用于建材等无机材料，金属，PVC/PET/PA/PE/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for bonding inorganic materials such as building materials, metals, plastics such as PVC/PET/PA/PE/ABS, PU and foam materials, textiles, and wood materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate; bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.



HR-0523		
成份	特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc	
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	6000-7000mpa-s/120℃
	NCO%	2.5±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	150-200S
	熔融温度℃ Melting temperature℃	60-65℃
	剥离强度（PC与超纤皮） Peel strength (PC and microfiber leather)	>45N/cm
	施胶温度 Glue application temperature	120-140℃
	耐水性（水泡七天） Water resistance (soaking for seven days)	剥离强度保持95%以上 The peel strength remains above 95%
材料特性	- 无溶剂型环保粘合剂，固含量100%，粘度低，开放时间长，初粘强度高，完全固化后具有优异的粘接强度，耐水耐老化性好，剥离强度高。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, low viscosity, long opening time, high initial bonding strength, excellent bonding strength after complete curing, good water and aging resistance, and high peel strength.	
成品用途	- 适用于建材等无机材料，PVC/PET/PA/PE/ABS等塑胶、PU及发泡材料、纺织、木材、金属等材料粘结。 - Suitable for bonding inorganic materials such as building materials, plastics such as PVC/PET/PA/PE/ABS, PU and foam materials, textiles, wood, metal and other materials.	
粘合剂使用方法	- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.	
注意事项	- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.	

HR-0525		
成份	特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc	
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	6000-6500mpa-s/120℃
	NCO%	2.5±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	200-240S
	熔融温度℃ Melting temperature℃	60-65℃
	剥离强度（PC与超纤皮） Peel strength (PC and microfiber leather)	>55N/cm
	施胶温度 Glue application temperature	120-140℃
	耐水性（水泡七天） Water resistance (soaking for seven days)	剥离强度保持80% Peel strength maintained at 80%
材料特性	- 无溶剂型环保粘合剂，固含量100%，粘度低，开放时间长，初粘强度高，完全固化后具有优异的粘接强度，耐水耐老化性好，剥离强度高。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, low viscosity, long opening time, high initial bonding strength, excellent bonding strength after complete curing, good water and aging resistance, and high peel strength.	
成品用途	- 适用于建材等无机材料，金属，PVC/PET/PA/PE/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for inorganic materials such as building materials, metals, plastics such as PVC/PET/PA/PE/ABS, PU and foam bonding of materials, textiles, and wood materials.	
粘合剂使用方法	- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.	
注意事项	- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.	

		HR-0540
成份		特殊多元醇，异氰酸酯等 Special polyols, isocyanates, etc
技术数据	产品名称 Product Name	环保反应型聚氨酯热熔胶（PUR） Environmentally friendly reactive polyurethane hot melt adhesive (PUR)
	25℃ 外观 25℃ Appearance	白色结晶固体 White crystalline solid
	粘度 Viscosity	7500-8500mpa·s/120℃
	NCO%	4.0±0.2
	固含量 Solid Content	100%
	开放时间 Opening hours	70-80S
	熔融温度℃ Melting temperature℃	60-65℃
	剥离强度（铝板与超纤皮） Peel strength (Aluminum plate and microfiber leather)	>45N/cm
材料特性	施胶温度 Glue application temperature	140-170℃
	耐水性 Water resistance	剥离强度保持80%以上 Maintain a peel strength of over 80%
		- 无溶剂型环保粘合剂，固含量100%，开放时间短，初粘强度高，完全固化后具有优异的粘接强度，耐水耐老化性好，剥离强度高。 - Solvent free environmentally friendly adhesive, with a solid content of 100%, short opening time, high initial bonding strength, excellent bonding strength after complete curing, good water and aging resistance, and high peel strength.
成品用途		- 适用于建材等无机材料，金属、PVC/PET/PA/PE/ABS等塑胶、PU及发泡材料、纺织、木材材料粘结。 - Suitable for bonding inorganic materials such as building materials, metals, plastics such as PVC/PET/PA/PE/ABS, PU and foam materials, textiles, and wood materials.
粘合剂使用方法		- 将粘合剂加热熔融后均匀刮涂、辊涂或高压挤出在干净干燥的基材表面，开放期内加压贴合。 - 如常温放置固化，在温度是25℃、湿度50%以上的环境中固化时间为8-12小时左右即可。如加温固化，在温度50-60℃，湿度50%以上的环境中固化时间为6-8小时左右。 - 固化完全后，建议常温放置硫化48-72小时，待性能完全提升后再进行检测。 - Melt adhesive and apply evenly by spreading, roll coating, or extrusion onto clean, dry substrate, bond under pressure within open time. - Cure at RT (25℃, >50% RH) for 8-12 h, or at 50-60℃ (>50% RH) for 6-8 h. - After full cure, condition at RT for 48-72 h before testing for optimal properties.
注意事项		- 粘合剂储存时应放在低温干燥的地方。 - 开封后的粘合剂应尽快用完，如未用完最好用氮气密封。 - 未开封的粘合剂的储存期为6个月。 - Adhesive should be stored in a low-temperature and dry place. - The adhesive after opening should be used up as soon as possible. If it is not used up, it is best to seal it with nitrogen gas. - Unopened shelf life: 6 months.

水性聚氨酯胶黏剂

Water-Based Polyurethane Adhesive

// Environmentally friendly water-based non irritating, flexible and smooth adhesive film

The viscosity can be adjusted by adding water, and the use of crosslinking agents greatly improves water resistance and heat bonding strength. It is used for plastic flocking, textile composites, manual wrapping of automotive interiors, screen printing, and has excellent adhesion to nylon, PVC, and PET substrates.

// 环保水性无刺激，胶膜柔韧爽滑

可加水调节粘度，搭配交联剂大幅提升耐水与热贴合强度，用于塑胶植绒、纺织复合、汽车内饰手工包覆、丝网印花，对尼龙、PVC、PET 基材附着力优异。

产品 Product	核心特点 Key Features		纺织植绒 / 粘合 Textile flocking/ Bonding	PVC/PET/ ABS 植绒贴合 PVC/PET/ ABS flocking fit	水性胶粘剂 Waterborne Adhesive	交联/乳化 改性 Crosslinking / Emulsification Modification
HA-201W	基材润湿好、植绒牢度强	The base material wets well, and the flocking sticks firmly	✓	✓	✓	
HA-301W	植绒不掉毛、附着力优异	Plush without shedding hair, excellent adhesion	✓	✓	✓	
HA-5451	环氧改性、伸长率高	Epoxy modification, high elongation rate	✓	✓	✓	✓
HA-5552	防水透湿、耐水解	Waterproof and breathable, resistant to hydrolysi	✓	✓	✓	✓
HA-5610	适配轧光尼龙、PET、热转印、纺织印花复合	Suitable for calendered nylon PET, Thermal transfer printing, textile printing composite	✓	✓	✓	✓
HA-5000S	丝网印刷专用、PVC 薄膜热贴合，粘度可调	Special for screen printing, PVC film heat pressing, adjustable viscosity	✓	✓	✓	✓
HA-6000GT	抗粘性优异、PVC 胶膜、热压复合	Excellent anti adhesion, PVC film, hot pressing composite	✓	✓	✓	
HA-9002W	初粘强度高、热帖合强度高	High initial adhesion strength and high heat bonding strength	✓	✓	✓	✓

水性聚氨酯植绒胶
Waterborne polyurethane flocking adhesive



HA-201W

成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	单组份水性聚氨酯 One component waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	2000-3000mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	40±1%
	包装 Package	20Kg/桶.50Kg/桶.200Kg/桶
材料特性		- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度，耐刮擦、耐水性极佳。 - Water based environmentally friendly adhesive, with high initial bonding strength and excellent bonding strength after drying, with excellent scratch resistance and water resistance.
成品用途		- 广泛适用于ABS、PVC、EPDM(需处理)、PC、PP(需处理)等材质的植绒及其他表面粘接。 - 植绒牢度强，耐磨且不掉毛，耐水解及耐黄变性强。 - 对ABS,PVC基材有优异的附着力。 - Widely applicable for flocking and other surface bonding of materials such as ABS, PVC, EPDM (to be treated), PC, PP (to be treated), etc. - Strong flocking fastness, abrasion resistance and no shedding, strong resistance to hydrolysis and yellowing. - Excellent adhesion to ABS and PVC substrates.
粘合剂使用方法		- 将粘合剂均匀喷涂、刮涂或辊涂在干净干燥的基材表面。 - 植绒使用，涂完后在5分钟内进行植绒，植绒后于80℃烘干60分钟，120-130℃烘干3-5分钟，取出常温放置。 - 烘干后建议在常温干燥状态下放置4-6小时，使植绒粘接更加牢固，检测性能建议常温或50℃硫化12-48小时后再进行相应检测。 - 如果胶膜有耐乙醇、耐高温要求，建议添加3-5%本公司固化剂产品，搅拌均匀后使用。固化剂加入混合后要在6-8小时内用完，超过时间未用完的不建议再继续使用。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量（1-5%）去离子水或纯净水。需提高粘度请与我公司联系。 - Apply adhesive evenly by spraying, spreading, or roll-coating onto a clean, dry substrate. - Flock within 5 minutes after coating; then dry at 80℃ for 60 min and at 120-130℃ for 3-5 min, followed by ambient conditioning. - After drying, condition at RT in a dry state for 4-6 h for stronger flock adhesion. For performance testing, vulcanize at RT or 50℃ for 12-48 h before testing. - For ethanol/heat resistance, add 3-5% of our curing agent, mix well, and use within 6-8 h after mixing (discard any unused after that). - Test compatibility before adding other additives. - To reduce viscosity, add 1-5% deionized or pure water. Contact us for higher viscosity.
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).

HA-301W

成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	单组份水性聚氨酯 One component waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	2000-3000mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	40±1%
	包装 Package	20Kg/桶.50Kg/桶.200Kg/桶
材料特性		- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度，耐刮擦、耐水性极佳。 - Water based environmentally friendly adhesive, with high initial bonding strength and excellent bonding strength after drying, with excellent scratch resistance and water resistance.
成品用途		- 广泛适用于ABS、PVC、EPDM(需处理)、PC、PP(需处理)等材质的植绒及其他表面粘接。 - 植绒牢度强，耐磨且不掉毛，耐水解及耐黄变性强。 - 对ABS,PVC基材有优异的附着力。 - Widely applicable for flocking and other surface bonding of materials such as ABS, PVC, EPDM (to be treated), PC, PP (to be treated), etc. - Strong flocking fastness, abrasion resistance and no shedding, strong resistance to hydrolysis and yellowing. - Excellent adhesion to ABS and PVC substrates.
粘合剂使用方法		- 将粘合剂均匀喷涂、刮涂或辊涂在干净干燥的基材表面。 - 植绒使用，涂完后在5分钟内进行植绒，植绒后于80℃烘干60分钟，120-130℃烘干3-5分钟，取出常温放置。 - 烘干后建议在常温干燥状态下放置4-6小时，使植绒粘接更加牢固，检测性能建议常温或50℃硫化12-48小时后再进行相应检测。 - 如果胶膜有耐乙醇、耐高温要求，建议添加3-5%本公司固化剂产品，搅拌均匀后使用。固化剂加入混合后要在6-8小时内用完，超过时间未用完的不建议再继续使用。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量（1-5%）去离子水或纯净水。需提高粘度请与我公司联系。 - Apply adhesive evenly by spraying, spreading, or roll-coating onto a clean, dry substrate. - Flock within 5 minutes after coating; then dry at 80℃ for 60 min and at 120-130℃ for 3-5 min, followed by ambient conditioning. - After drying, condition at RT in a dry state for 4-6 h for stronger flock adhesion. For performance testing, vulcanize at RT or 50℃ for 12-48 h before testing. - For ethanol/heat resistance, add 3-5% of our curing agent, mix well, and use within 6-8 h after mixing (discard any unused after that). - Test compatibility before adding other additives. - To reduce viscosity, add 1-5% deionized or pure water. Contact us for higher viscosity.
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).

水性聚氨酯粘合剂
Water based polyurethane adhesive



HA-5451

成份	特殊多元醇，改性异氰酸酯、环氧树脂、水等 Special polyols, modified isocyanates, epoxy resins, water, etc
技术数据	产品类型 Product Type 环氧改性水性聚氨酯 Epoxy modified waterborne polyurethane
	外观 Appearance 乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity 2500±500mpa-s/25℃（可调）(Adjustable)
	PH 7-9
	固含量 Solid Content 45±2%
	包装 Package 20Kg/桶.50Kg/桶
	剥离强度（皮革贴塑胶） Peel strength (leather adhesive plastic) ≥40N/cm
材料特性	- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 - Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途	- 广泛适用于纺织、ABS、PP（需处理）、PVC、PET、EVA/PU发泡、木材等基材的粘接及热压贴合。 - 粘接强度好，胶膜防水透湿，耐水解及耐黄变性强。 - 主要应用于纺织、塑胶、木材装饰板、汽车内饰的手工包覆或机器热压贴合。 - Widely applicable for bonding and hot pressing of substrates such as textiles, ABS, PP (to be treated), PVC, PET, EVA/PU foam, wood, etc. - Good adhesive strength, waterproof and breathable adhesive film, strong resistance to hydrolysis and yellowing. - Mainly used for manual wrapping or machine hot pressing bonding of textiles, plastics, wood decorative panels, and automotive interiors.
粘合剂使用方法	- 将粘合剂与交联剂混合搅匀后均匀喷涂、刮涂、刷涂或辊涂在干净干燥的基材表面。 - 涂完后于60-70℃烘干3-5分钟，表面失去粘性后取出即贴合，手工贴合温度低时需用吹风机吹至胶面有粘性再贴合，鞋底面贴合或包覆贴合需双面涂胶，贴合后常温熟化72小时即可。 - 后段热压贴合根据基材性质选择压力，贴合温度建议120-130℃。 - 根据不同应用，涂胶量建议100-150g/m²。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - 交联剂为本公司的HK-0365,添加量为3-5%，加完交联剂的胶水，可使用时间为6-8小时。 - Mix adhesive with crosslinker(HK-0365) thoroughly, then apply evenly by spraying, spreading, brushing, or roll-coating onto a clean, dry substrate. - Dry at 60-70℃ for 3-5 min until tack-free; remove and bond immediately. For manual bonding at low temperatures, warm the adhesive surface with a hot air blower until tacky before bonding. For sole or wrap laminations, apply adhesive to both surfaces. After bonding, condition at RT for 72 h. - For subsequent hot-press lamination, select pressure based on substrate and use 120-130℃. - Recommended coat weight: 100-150 g/m² depending on application. - To reduce viscosity, add deionized or pure water as needed. Contact us for higher viscosity. - Crosslinker ratio: 3-5%; pot life after mixing: 6-8 h.
注意事项	- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).

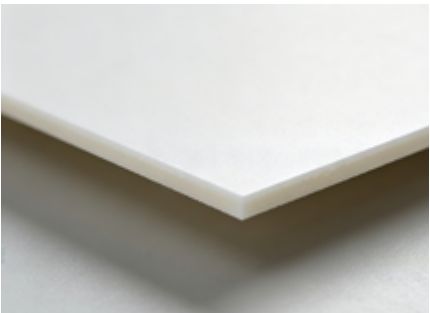
HA-5552

成份	特殊多元醇，改性异氰酸酯、环氧树脂、水等 Special polyols, modified isocyanates, epoxy resins, water, etc
技术数据	产品类型 Product Type 环氧改性水性聚氨酯 Epoxy modified waterborne polyurethane
	外观 Appearance 乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity 2500±500mpa-s/25℃（可调）(Adjustable)
	PH 7-9
	固含量 Solid Content 45±2%
	包装 Package 20Kg/桶.50Kg/桶
	剥离强度（皮革贴塑胶） Peel strength (Leather sticker with plastic) ≥40N/cm
材料特性	- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 - Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途	- 广泛适用于纺织、ABS、PP（需处理）、PVC、PET、EVA/PU发泡、木材等基材的粘接及热压贴合。 - 粘接强度好，胶膜防水透湿，耐水解及耐黄变性强。 - 主要应用于纺织、塑胶、木材装饰板、汽车内饰的手工包覆或机器热压贴合。 - Widely applicable for bonding and hot pressing of substrates such as textiles, ABS, PP (to be treated), PVC, PET, EVA/PU foam, wood, etc. - Good adhesive strength, waterproof and breathable adhesive film, strong resistance to hydrolysis and yellowing. - Mainly used for manual wrapping or machine hot pressing bonding of textiles, plastics, wood decorative panels, and automotive interiors.
粘合剂使用方法	- 将粘合剂与交联剂混合搅匀后均匀喷涂、刮涂、刷涂或辊涂在干净干燥的基材表面。 - 涂完后于60-70℃烘干3-5分钟，表面失去粘性后取出即贴合，手工贴合温度低时需用吹风机吹至胶面有粘性再贴合，鞋底面贴合或包覆贴合需双面涂胶，贴合后常温熟化72小时即可。 - 后段热压贴合根据基材性质选择压力，贴合温度建议120-130℃。 - 根据不同应用，涂胶量建议100-150g/m²。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - 交联剂为本公司的HK-0365,添加量为3-5%，加完交联剂的胶水，可使用时间为6-8小时。 - Mix adhesive with crosslinker(HK-0365) thoroughly, then apply evenly by spraying, spreading, brushing, or roll-coating onto a clean, dry substrate. - Dry at 60-70℃ for 3-5 min until tack-free; remove and bond immediately. For manual bonding at low temperatures, warm the adhesive surface with a hot air blower until tacky before bonding. For sole or wrap laminations, apply adhesive to both surfaces. After bonding, condition at RT for 72 h. - For subsequent hot-press lamination, select pressure based on substrate and use 120-130℃. - Recommended coat weight: 100-150 g/m² depending on application. - To reduce viscosity, add deionized or pure water as needed. Contact us for higher viscosity. - Crosslinker ratio: 3-5%; pot life after mixing: 6-8 h.
注意事项	- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).



HA-5610		
成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	改性水性聚氨酯 Modified waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	3000±500mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	48±1%
	包装 Package	20Kg/桶
材料特性		- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 - Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途		- 广泛适用于纺织、PVC、PET等基材的粘接及热压贴合。 - 粘接强度高，胶膜防水透湿，耐水解及耐黄变性强。 - 对纺织轧光尼龙布，PVC,PET等基材有优异的附着力。 - Widely applicable for bonding and hot pressing of substrates such as textiles, PVC, PET, etc. - Good adhesive strength, waterproof and breathable adhesive film, strong resistance to hydrolysis and yellowing. - Excellent adhesion to textile calendered nylon fabric, PVC, PET and other substrates.
粘合剂使用方法		- 将粘合剂与交联剂混合搅匀后均匀喷涂、刮涂或辊涂在干净干燥的基材表面。 - 涂完后于80-120℃烘干1-2分钟，取出常温放置。后段热压贴合根据基材性质选择压力，贴合温度建议120-130℃。 - 撒热熔粉工艺130-140℃烘干，贴合温度140-160℃。加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - 交联剂为本公司的HK-0365,添加量为3-5%，加完交联剂的胶水，可使用时间为6-8小时。 - Mix adhesive with crosslinker (HK-0365) thoroughly, then apply by spraying, spreading, or roll-coating onto a clean, dry substrate. - Dry at 80-120°C for 1-2 min after coating, take it out and place it at RT. Lamination: 120-130°C. - Hot-melt powder process: Dry at 130-140°C after powdering. Lamination: 140-160°C. Test compatibility before adding other additives. - To reduce viscosity, add deionized/pure water as needed. Contact us for higher viscosity. - Crosslinker ratio : 3-5%; pot life after mixing: 6-8 h.
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).

HA-5000S		
成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	改性水性聚氨酯 Modified waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	10000±1500mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	35±1%
	包装 Package	20Kg/桶
材料特性		- 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 - Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途		- 广泛适用于PVC与PVC、PVC与PET等塑胶基材丝网印刷热压贴合。 - 粘接强度高，胶膜防水透湿，耐水解及耐黄变性强。 - 对纺织、PVC,PET等基材有优异的附着力。 - Widely applicable for screen printing and hot pressing of plastic substrates such as PVC and PVC, PVC and PET. - Good adhesive strength, waterproof and breathable adhesive film, strong resistance to hydrolysis and yellowing. - Excellent adhesion to substrates such as textiles, PVC, PET, etc.
粘合剂使用方法		- 将粘合剂与交联剂混合搅匀后（亦可单组份使用）均匀丝印或辊涂在干净干燥的基材表面。 - 涂完后于80-120℃烘干1-2分钟，取出常温放置。后段热压贴合根据基材性质选择压力，贴合温度建议120-130℃。根据基材定贴合时间。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - 交联剂为本公司的HK-0365,添加量为3-5%，加完交联剂的胶水，可使用时间为6-8小时。 - Mix adhesive with crosslinker (HK-0365) thoroughly (or use as one-component) and apply by printing or roll-coating onto a clean, dry substrate. - Dry at 80-120°C for 1-2 min after coating, take it out and place it at RT. Lamination: 120-130°C. - Test compatibility before adding other additives. - To reduce viscosity, add deionized/pure water as needed. Contact us for higher viscosity. - Crosslinker ratio : 3-5%; pot life after mixing: 6-8 h.
注意事项		- 粘合剂储存时应密封放在5-30度的干燥环境下。 - 开封后的粘合剂应尽快用完，如未用完需密封。 - 未开封的粘合剂的储存期为6个月（常温）。 - Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. - The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. - Unopened shelf life: 6 months (room temperature).



HA-6000GT		
成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	改性水性聚氨酯 Modified waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	2000±500mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	35±1%
	包装 Package	20Kg/桶
材料特性		• 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 • Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途		• 广泛适用于纺织、PVC、PET等基材的粘接及热压贴合。 • 粘接强度好，抗粘性好，耐水解耐黄变性能优异 • 主要适合PVC带胶膜的应用。 • Widely applicable for bonding and hot pressing of substrates such as textiles, PVC, PET, etc. • Good adhesive strength, good anti adhesion, excellent resistance to hydrolysis and yellowing. • Mainly suitable for the application of PVC adhesive film.
粘合剂使用方法		• 将粘合剂均匀辊涂在干净干燥的基材表面。 • 涂完后于60-80℃烘干1-2分钟，收卷，取出常温放置。 • 后段热压贴合根据基材性质选择压力和时间，贴合温度建议120-130℃。 • 加入其它助剂或辅料前先测试相容性。 • 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 • Apply by roll coating onto a clean, dry substrate. • Dry at 60-80℃ for 1-2 min, then wind up and store at RT. • Laminate at 120-130℃ (pressure and time adjustable per substrate). • Test compatibility before adding any auxiliaries. • Reduce viscosity with deionized/pure water. Contact us for higher viscosity.
注意事项		• 粘合剂储存时应密封放在5-30度的干燥环境下。 • 开封后的粘合剂应尽快用完，如未用完需密封。 • 未开封的粘合剂的储存期为6个月（常温）。 • Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. • The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. • Unopened shelf life: 6 months (room temperature).

HA-9002W		
成份		特殊多元醇，改性异氰酸酯、水等 Special polyols, modified isocyanates, water, etc
技术数据	产品类型 Product Type	改性水性聚氨酯 Modified waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	500-1000mpa-s/25℃（可调）(Adjustable)
	PH	7-9
	固含量 Solid Content	39±1%
	最低活化温度 Package	130-140℃
	断裂伸长率 Elongation at break	400-500%
	撕裂强度 Tear strength	8-10N
	耐黄变性能 Yellow resistant edge changing performance	涂膜不黄变 The coating does not turn yellow
材料特性		• 水性环保粘合剂，初粘强度高，干燥后具有优异的粘接强度和柔韧性，胶膜伸长率高，后段热贴合强度高。 • Water based environmentally friendly adhesive, with high initial bonding strength, excellent bonding strength and flexibility after drying, high film elongation, and high post heat bonding strength.
成品用途		• 广泛适用于纺织、PVC、PET等基材的粘接及热压贴合。 • 粘接强度好，胶膜防水透湿，耐水解及耐黄变性强。 • 对纺织尼龙布，PVC,PET等基材有优异的附着力。 • Widely applicable for bonding and hot pressing of substrates such as textiles, PVC, PET, etc. • Good adhesive strength, waterproof and breathable adhesive film, strong resistance to hydrolysis and yellowing. • Excellent adhesion to textile nylon fabric, PVC, PET and other substrates.
粘合剂使用方法		• 将粘合剂均匀喷涂、刮涂或辊涂在干净干燥的基材表面。 • 涂完后于80-120℃烘干1-2分钟，降温收卷或取出常温放置。 • 后段热压贴合根据基材性质选择压力，贴合温度建议140-150℃。 • 加入其它助剂或辅料前先测试相容性。 • 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 • 该产品为单组份热活化型，半干贴工艺可添加本公司固化剂3-5%，增加粘结强度和综合性能。 • Apply by spray/spread/roll onto clean, dry substrate. • Dry at 80-120℃ for 1-2 min, cool, wind or store at RT. • Laminate at 140-150℃ (pressure per substrate). • Test additive compatibility. • Adjust viscosity with deionized water (reduce viscosity) or contact us (increase viscosity). • One-component heat-activated, for semi-dry lamination, add 3-5% curing agent to enhance bonding.
注意事项		• 粘合剂储存时应密封放在5-30度的干燥环境下。 • 开封后的粘合剂应尽快用完，如未用完需密封。 • 未开封的粘合剂的储存期为6个月（常温）。 • Adhesive should be stored in a sealed and dry environment at 5-30 degrees Celsius. • The adhesive after opening should be used up as soon as possible, and if it is not used up, it should be sealed. • Unopened shelf life: 6 months (room temperature).

水性聚氨酯涂层树脂

Water-based Polyurethane Coating Resin

// Smooth and dry texture, wear-resistant, alcohol resistant, high temperature resistant, non stick

Suitable for paper touch film, PVC decorative film, and various leather surface layers, it can be formed as a standalone film or compounded with water-based ink coatings. The two-component combination greatly improves the physical properties after curing, and is commonly used for surface coating of high-end packaging, automotive leather, and sofa leather.

// 丝滑干滑两种手感，耐磨耐酒精、耐高温不粘

适配纸张触感膜、PVC 装饰膜、各类皮革面层，可单独成膜或复配水性油墨涂料，双组份搭配固化后物性大幅提升，多用于高端包装、汽车革、沙发革表面涂饰。

产品 Product	核心特点 Key Features		塑胶装饰膜 Plastic decorative film		皮革面层 Leather surface layer	纺织浸涂 Textile immersion coating
HA-9030-2	高物性、丝滑绒感、耐高温防粘	High physical properties, silky smooth texture, high temperature resistance and anti sticking	✓		✓	
HA-9030	绵润绒感、耐磨耐酒精	Smooth and velvety texture, wear-resistant and alcohol resistant	✓		✓	
HA-9040	干滑手感、耐碱	Dry and smooth feel, alkali resistant	✓		✓	
HA-9005	哑光底涂专用、层间附着力好	Matte primer special, good interlayer adhesion	✓		✓	
HA-8121	亮光油润手感、高光泽耐磨	Bright and oily texture, high gloss and wear-resistant	✓		✓	
HA-9001	干滑亮光、耐高温防粘、PVC 装饰面层	Smooth and glossy, heat-resistant and anti stick, PVC decorative surface layer	✓		✓	
HA-3683E	浸涂专用、自带阻燃	Special for immersion coating, with built-in flame retardant	✓			✓

哑光肤感涂层树脂
Matte skin coating resin



HA-9030-2

技术数据	产品类型 Product Type	水性自消光肤感涂层树脂 Water based self extinction skin coating resin
	产品名称 Product Name	羟基硅改性自消光水性聚氨酯 Hydroxysilane modified self extinction waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	涂4杯：30-40S/25℃（可调）(Adjustable)
	PH	7-8
材料特性	固含量 Solid Content	30±1%
	耐酒精擦拭 Alcohol resistant wiping	80-100次不发白、不漏底 80-100 times without whitening or leakage
推荐及优势		- 手感丝滑绵润绒感强，高物性、具有优异的耐磨、耐刮擦效果。 - 耐水、耐碱、耐候，具有优异的耐酒精摩擦性。 - 耐热、高温防黏连性能优异。 - It has a silky and smooth texture, strong plush feel, high physical properties, and excellent wear and scratch resistance. - Water resistant, alkali resistant, weather resistant, with excellent alcohol friction resistance. - Excellent heat resistance and high-temperature anti adhesion performance.
		- 与水性异氰酸酯固化剂组成双组份，使其拥有极佳的物性，特别适合PVC/PET等塑料及皮革的表面涂饰。 - 其丝滑的手感适用汽车革、装饰膜等高物性哑光抗污涂层。 - Composed of two-component with water-based isocyanate curing agent, it has excellent physical properties and is particularly suitable for surface coating of plastics and leather such as PVC/PET. - Its silky feel is suitable for high physical properties matte anti fouling coatings such as automotive leather and decorative films.
粘合剂使用方法		- 本树脂与本公司固化剂HK-0365搭配使用。配完固化剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀刮涂或辊涂在干净干燥的基材表面。 - 涂完后于50-60度烘干30-60秒，取出或收辊放置。100-120°烘干1-2分钟后常温熟化24小时。 - 性能检测建议在50-60度硫化48-72小时，涂层完全固化后再进行相应检测。 - 建议配比：HA-9030-2: HK-0365=100：5。 - 使用时如需降低粘度，添加适量去离子水或纯净水（10-15%）。需提高粘度请与我公司联系。 - Recommended with our cross-linker HK-0365, use up within 6-8h after mixing to avoid cross-linking failure. - Mixing resin and cross-linker evenly, then spread or roll-coat onto a clean and dry substrate. - Drying condition: 50-60℃ for 30-60s, then take it out or roll it up. 100-120℃ for 1-2min., then 24h RT for curing. - Performance testing: Vulcanize at 50-60℃ for 48-72h after full curing. - Ratio: HA-9030-2:HK-0365=100:5. - Viscosity adjustment: Reduce viscosity with 10-15% deionised water/pure water. Contact us for higher viscosity.
	存储	0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶

HA-9030

技术数据	产品类型 Product Type	含羟基水性自消光绒感涂层树脂 Water based self extinction skin coating resin
	产品名称 Product Name	羟基硅改性自消光水性聚氨酯 Hydroxysilane modified self extinction waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	涂4杯：30-40S/25℃（可调）(Adjustable)
	PH	7-8
材料特性	固含量 Solid Content	30±1%
	耐酒精擦拭 Alcohol resistant wiping	50-100次不发白、不漏底 50-100 times without whitening or leakage
推荐及优势		- 手感丝滑绵润，触绒感强，高物性、具有优异的耐磨、耐刮擦效果。 - 耐水、耐碱、耐候，具有优异的耐酒精摩擦性。 - 耐热、高温防黏连性能优异。 - The hand feel is silky smooth and moist, with a strong sense of velvet, high physical properties, and excellent wear and scratch resistance. - Water resistant, alkali resistant, weather resistant, with excellent alcohol friction resistance. - Excellent heat resistance and high-temperature anti adhesion performance.
		- 与水性异氰酸酯固化剂组成双组份，使其拥有极佳的物性，特别适合PVC/PET等塑料及皮革的表面涂饰。 - 其丝滑绒毛的手感适用汽车革、装饰膜等高物性哑光涂层。 - Composed of two-component with water-based isocyanate curing agent, it has excellent physical properties and is particularly suitable for surface coating of plastics and leather such as PVC/PET. - Its silky and fluffy texture is suitable for high physical properties matte coatings such as automotive leather and decorative films.
粘合剂使用方法		- 本树脂与本公司固化剂HK-0365搭配使用。配完固化剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀刮涂或辊涂在干净干燥的基材表面。 - 涂完后于50-60度烘干1-2分钟，取出或收辊放置。 - 性能检测建议在50-60度硫化48-72小时，涂层完全固化后再进行相应检测。 - 建议配比：HA-9030: HK-0365=100：5。 - 使用时如需降低粘度，添加适量去离子水或纯净水（10-15%）。需提高粘度请与我公司联系。 - Recommended with our cross-linker HK-0365, use up within 6-8h after mixing to avoid cross-linking failure. - Mixing resin and cross-linker evenly, then spread or roll-coat onto a clean and dry substrate. - Drying condition: Drying at 50-60℃ for 1-2 minutes, then take it out or roll it up. - Performance testing: Vulcanize at 50-60℃ for 48-72h after full curing. - Ratio: HA-9030:HK-0365=100:5 - Viscosity adjustment: Reduce viscosity with 10-15% deionised water/pure water . Contact us for higher viscosity.
	存储	0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶



HA-9040		
技术数据	产品类型 Product Type	自消光脂肪族聚碳型水性聚氨酯肤感涂层树脂 Self extinction aliphatic carbon based waterborne polyurethane skin coating resin
	产品名称 Product Name	硅改性聚碳型自消光水性聚氨酯 Silicon modified polycarbonate self extinction waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	涂4杯：60-70S/25℃（可调）(Adjustable)
	PH	6-8
	固含量 Solid Content	30±1%
	耐酒精擦拭 Alcohol resistant wiping	150-200次不发白、不漏底 150-200 times without whitening or leakage
材料特性	耐高温防黏（150-160℃） High temperature resistance and anti sticking（150-160℃）	10-15min不黏连 10-15 minutes non stick connection
		- 手感干滑绵润，高物性、具有优异的耐磨、耐刮擦效果。 - 耐水、耐碱、耐候，具有优异的耐酒精摩擦性。 - 耐热、高温防黏连耐污性能及耐UV、耐黄变性优异。 - It has a dry and smooth texture, high physical properties, and excellent wear and scratch resistance. - Water resistant, alkali resistant, weather resistant, with excellent alcohol friction resistance. - Excellent heat resistance, high temperature adhesion resistance, stain resistance, UV resistance, and yellowing resistance.
推荐及优势		- 特别适用于高物性要求的PVC人造汽车革表面处理。 - 在PET/PC/PVC等基材涂层具有极好的触感和滑爽性。 - 其干滑的手感适用汽车革、沙发革、装饰膜等高物性哑光涂层。 - Specially suitable for surface treatment of PVC synthetic automotive leather with high physical property requirements. - The coating on PET/PC/PVC and other substrates has excellent tactile and smooth properties. - Its dry and smooth texture is suitable for high physical properties matte coatings such as automotive leather, sofa leather, decorative films, etc.
粘合剂使用方法		- 本树脂建议与本公司交联剂HK-0365搭配使用。也可搭配氮丙啶或碳化二亚胺，配完交联剂需在0-35℃环境使用（现用现调）。交联剂HK-0365加入量为3-5%，配完交联剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀（亦可单组份使用）刮涂或辊涂在干净干燥的基材表面。 - 涂完后于50-60℃烘干1-2分钟，100-120℃烘干20S-40S取出或收辊放置。 - 性能检测建议在50-60℃硫化12-24小时或常温干燥状态下放置48-72小时，涂层完全固化后再进行相应检测。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - Recommended with our crosslinker HK-0365 (3-5%), or aziridine / carbodiimide, use within 6-8h at 0-35℃ (fresh mix). - Mix resin & crosslinker (or use as one-component), then spread or roll-coat onto a clean, dry substrate. - Dry at 50-60℃ for 1-2 min, or 100-120℃ for 20-40 s, remove/wind up and store. - Test after full cure: vulcanize 50-60℃ for 12-24h or RT for 48-72h. - Test compatibility before adding any other auxiliaries. - To reduce viscosity , add deionized/pure water as needed, Contact us for higher viscosity.
存储		0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶

HA-9005		
技术数据	产品类型 Product Type	自消光脂肪族水性聚氨酯哑光底涂树脂 Self extinction aliphatic carbon based waterborne polyurethane skin coating resin
	产品名称 Product Name	改性自消光水性聚氨酯 Modified self extinction water-based polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	<500/25℃（可调）(Adjustable)
	PH	6-8
	固含量 Solid Content	30±2%
	耐高温防黏（150-160℃） High temperature resistance and anti sticking（150-160℃）	10-15min不黏连 10-15 minutes non stick connection
材料特性		- 手感干滑绵润，高物性、具有优异的耐磨、耐刮擦效果。 - 耐水、耐碱、耐候，具有较好的耐酒精摩擦性，不影响重涂。 - 耐热、高温防黏连耐污性能及耐UV、耐黄变性优异。 - It has a dry and smooth texture, high physical properties, and excellent wear and scratch resistance. - Water resistant, alkali resistant, weather resistant, with good alcohol friction resistance, and does not affect recoating. - Excellent heat resistance, high temperature adhesion resistance, stain resistance, UV resistance, and yellowing resistance,
推荐及优势		- 适用于高物性低光泽的哑光底涂处理，具有较好的层间接着性能。 - Suitable for matte primer treatment with high physical properties and low gloss, with good interlayer adhesion performance.
粘合剂使用方法		- 本树脂建议与本公司交联剂HK-0365搭配使用。也可搭配氮丙啶或碳化二亚胺，配完交联剂需在0-35℃环境使用（现用现调）。交联剂HK-0365加入量为3-5%，配完交联剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀（亦可单组份使用）刮涂或辊涂在干净干燥的基材表面。 - 涂完后于50-60℃烘干1-2分钟，100-120℃烘干20S-40S取出或收辊放置。 - 性能检测建议在50-60℃硫化12-24小时或常温干燥状态下放置48-72小时，涂层完全固化后再进行相应检测。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - Recommended with our crosslinker HK-0365 (3-5%), or aziridine / carbodiimide, use within 6-8h at 0-35℃ (fresh mix). - Mix resin & crosslinker (or use as one-component), then spread or roll-coat onto a clean, dry substrate. - Dry at 50-60℃ for 1-2 min, or 100-120℃ for 20-40 s, remove/wind up and store. - Test after full cure: vulcanize 50-60℃ for 12-24h or RT for 48-72h. - Test compatibility before adding any other auxiliaries. - To reduce viscosity, add deionized/pure water as needed. Contact us for higher viscosity.
存储		0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶

亮光功能涂层树脂
High gloss coating resin



HA-8121

技术数据	产品类型 Product Type	脂肪族水性聚氨酯亮光肤感涂层树脂 Aliphatic waterborne polyurethane glossy skin coating resin
	产品名称 Product Name	羟基硅改性亮光水性聚氨酯 Hydroxysilane modified glossy waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	≤500mpa·s/25℃（可调）(Adjustable)
	PH	7-8
	固含量 Solid Content	35±2%
	耐酒精擦拭 Alcohol resistant wiping	150-200次不发白、不漏底 150-200 times without whitening or leakage
材料特性	耐高温防黏（150-160℃） High temperature resistance and anti sticking（150-160℃）	10-15min不黏连 10-15 min non stick connection
		- 手感油润绵滑，高物性、高光泽具有优异的耐磨、耐刮擦效果。 - 羟基含量0.5%，搭配固化剂使用，耐水、耐碱、耐候，具有优异的耐酒精摩擦性。 - 耐热、高温防黏连性能。 - It has a smooth and oily feel, high physical properties, and high gloss, with excellent wear resistance and scratch resistance. - With a hydroxyl content of 0.5%, when used in conjunction with a curing agent, it is water-resistant, alkali resistant, weather resistant, and has excellent alcohol friction resistance. - Heat resistance and high temperature anti adhesion performance.
推荐及优势		- 与水性异氰酸酯固化剂组成双组份，使其拥有极佳的物性，特别适合PVC/PET等薄膜的表面亮光涂层。 - 其光亮绵滑的特性适用于各种皮革的表面亮光涂层。 - Composed of two-component with water-based isocyanate curing agent, it has excellent physical properties and is particularly suitable for surface gloss coating of PVC/PET and other films. - Its shiny and smooth characteristics are suitable for surface gloss coatings on various types of leather.
粘合剂使用方法		- 本树脂建议与本公司交联剂HK-0365搭配使用。也可搭配氮丙啶或碳化二亚胺，配完交联剂需在0-35℃环境使用（现用现调）。交联剂HK-0365加入量为3%-5%，配完交联剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀刮涂或辊涂在干净干燥的基材表面。 - 涂完后于80-120℃烘干1-2分钟，取出或收辊放置。 - 性能检测建议在50-80℃硫化8-12小时或常温干燥状态下放置24-48小时，涂层完全固化后再进行相应检测 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - Recommended with our crosslinker HK-0365 (3-5%), or aziridine / carbodiimide, use within 6-8h at 0-35℃ (fresh mix). - Mix resin & crosslinker (or use as one-component), then spread or roll-coat onto a clean, dry substrate. - Dry at 80-120℃ for 1-2 min, remove/wind up and store. - Test after full cure: vulcanize 50-80℃/8-12h or RT/24-48h. - Test compatibility before adding any other auxiliaries. - To reduce viscosity , add deionized/pure water as needed. Contact us for higher viscosity.
存储		0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶

HA-9001

技术数据	产品类型 Product Type	脂肪族聚碳水性聚氨酯亮光肤感涂层树脂 Aliphatic polycarboxylate waterborne polyurethane gloss coating resin
	产品名称 Product Name	硅改性亮光水性聚氨酯 Silicon modified glossy waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	≤500mpa·s/25℃（可调）(Adjustable)
	PH	6-8
	固含量 Solid Content	35±2%
	耐酒精擦拭 Alcohol resistant wiping	80-100次不发白、不漏底 80-100 times without whitening or leakage
材料特性	耐高温防黏（150-160℃） High temperature resistance and anti sticking（150-160℃）	10-15min不黏连 10-15 min non stick connection
		- 手感干滑，高物性、具有优异的耐磨、耐刮擦效果。 - 耐水、耐碱、耐候，具有优异的耐酒精摩擦性。 - 耐热、高温防黏连性能及耐UV、耐黄变性优异。 - It has a dry and smooth feel, high physical properties, and excellent wear and scratch resistance. - Water resistant, alkali resistant, weather resistant, with excellent alcohol friction resistance. - Excellent heat resistance, high temperature adhesion resistance, UV resistance, and yellowing resistance.
推荐及优势		- 特别适用于高物性要求的PVC人造汽车革表面处理。 - 其优异的耐刮及柔韧性适合PVC/PET基材的表面亮光涂层。 - Specially suitable for surface treatment of PVC synthetic automotive leather with high physical property requirements. - Its excellent scratch resistance and flexibility are suitable for the surface gloss coating of PVC/PET substrates.
粘合剂使用方法		- 本树脂建议与本公司交联剂HK-0365搭配使用。也可搭配氮丙啶或碳化二亚胺，配完交联剂需在0-35℃环境使用（现用现调）。交联剂HK-0365加入量为3%-5%，配完交联剂的乳液需在6-8小时内用完，避免凝胶或交联失效。 - 将树脂与交联剂混合搅匀后均匀刮涂或辊涂在干净干燥的基材表面。 - 涂完后于60-120℃烘干1-2分钟，取出或收辊放置。 - 性能检测建议在50-80℃硫化8-12小时或常温干燥状态下放置24-48小时，涂层完全固化后再进行相应检测。 - 加入其它助剂或辅料前先测试相容性。 - 使用时如需降低粘度，添加适量去离子水或纯净水。需提高粘度请与我公司联系。 - Recommended with our crosslinker HK-0365 (3-5%), or aziridine / carbodiimide, use within 6-8h at 0-35℃ (fresh mix). - Mix resin & crosslinker (or use as one-component), then spread or roll-coat onto a clean, dry substrate. - Dry at 60-120℃ for 1-2 min, remove/wind up and store. - Test after full cure: vulcanize 50-80℃/8-12h or RT/24-48h. - Test compatibility before adding any other auxiliaries. - To reduce viscosity , add deionized/pure water as needed. Contact us for higher viscosity.
存储		0-35℃密封阴凉放置，本品在6个月内用完，用前搅匀。 - Store in a cool and sealed place at 0-35℃. This product should be used within 6 months and stirred thoroughly before use.
包装		50Kg/桶.120Kg/桶.200Kg/桶

		特种浸涂涂层树脂 Special immersion coating resin
		HA-3683E
成份		特殊多元醇，小分子醇，改性异氰酸酯,丙烯酸酯，有机硅，水等。 Special polyols, small molecule alcohols, modified isocyanates, acrylates, organosilicon, water, etc.
技术数据	产品名称 Product Name	硅改性水性聚氨酯 Silicon modified waterborne polyurethane
	外观 Appearance	乳白色黏稠液体 Milky white viscous liquid
	粘度 Viscosity	≤300 （25℃）
	密度 Density	1.02
	固含量 Solid Content	40±2%
	施工温度 construction temperature	0-40℃
	涂布量 coating weight	10-50g/m²(不同基材决定)（Determined by different substrates）
	固化温度及时间 Temperature and time	80-120℃： 1-3min
材料特性		• 硅改性水性聚氨酯，固化后具有优异的滑爽耐刮耐磨性能，具备一定的阻燃性。 • Silicon modified waterborne polyurethane has excellent smoothness, scratch resistance, and wear resistance after curing, and has a certain degree of flame retardancy.
推荐及优势		• 固化后对高密度聚乙烯及PE/PA等材料有优异的附着力，涂层柔软滑爽。 • 应用领域：尼龙，聚酰胺，高密度聚乙烯等纺织材料的涂层防护，鱼线，纺织纱线的浸涂处理。 • After curing, it has excellent adhesion to high-density polyethylene and PE/PA materials, and the coating is soft and smooth. • Application areas: Coating protection of textile materials such as nylon, polyamide, high-density polyethylene, and immersion treatment of fishing lines and textile yarns.
粘合剂使用方法		• 建议添加5%本公司水性固化剂HK-0365,搅匀后辊涂或浸涂，添加固化剂后需在6-8小时内使用完，避免凝胶或固化剂失效。 • 涂布后于80-120℃烘干1-3分钟，收卷后常温熟化24小时以上即可。 • 鱼线、纱线等的含浸处理，为有充分的润湿浸入性，建议用70-90%的去离子水稀释后使用。 • Curing agent: Add 5% HK-0365, mix well, apply by roll or dip coating. Use within 6-8 h after mixing. • Drying: 80-120℃ for 1-3 min; wind up; condition at RT ≥24 h. • For impregnation of fishing lines, yarns, etc., dilute with 70-90% deionized water to ensure adequate wetting and penetration.
注意事项		• 树脂储存时应密封放置5-35℃通风干燥环境下。 • 开封后的树脂应尽快用完，如未用完需密封。 • 未开封的树脂的储存期为6个月（常温）。 • When storing resin, it should be sealed and placed in a ventilated and dry environment at 5-35℃. • The resin after opening should be used up as soon as possible, and if it is not used up, it should be sealed. • Unopened shelf life: 6 months (room temperature).

研发, 品质, 服务

HECHENG 鹤城—以技术创新与客户协同,
定义聚氨酯解决方案的中国力量

上海鹤城高分子科技有限公司

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