

QINGDAO HIGHONOUR CHEMICAL TECH CO.,LTD

WATER BASED ACRYLIC POLYMER CATALOG

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ONE

For construction decoration coatings



- For latex paint, primer and putty

Product Name	Typical Properties		Application	Performance
HN-101	Appearance	light blue liquid	Interior wall paint, color tile paint & etc	Styrene-acrylic emulsion, has excellent scrubbing and water resistance.
	Solid content	47 ± 2wt%		
	Viscosity.cps(25°C)	1000-4000cps		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	26°C		
	Minimum Film Formation Temperature (MFT)	22-24°C		
	Ca ²⁺ stability 5% CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-102	Appearance	light blue liquid	internal and external general paint	Styrene-acrylic emulsion, has excellent scrubbing resistance, water and alkali resistance, and good shear stability.
	Solid content	48 ± 1wt%		
	Viscosity.cps(25°C)	500-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	24°C		
	Minimum Film Formation Temperature (MFT)	21-23°C		
	Ca ²⁺ stability 5% CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-106	Appearance	light blue liquid	internal and external general paint	Styrene-acrylic emulsion, has excellent scrubbing resistance, water and alkali resistance, and good shear stability.
	Solid content	47 ± 1wt%		
	Viscosity.cps(25°C)	1000-5000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	36°C		
	Minimum Film Formation Temperature (MFT)	38°C		
	Ca ²⁺ stability 5% CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

Product Name	Typical Properties		Application	Performance
HN-996	Appearance	light blue liquid	General internal and external paint	Styrene-acrylic emulsion, has excellent scrubbing resistance, water and alkali resistance, color spreading, good shear stability and high gloss.
	Solid content	49 ± 1wt%		
	Viscosity.cps(25°C)	500-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	22°C		
	Minimum Film Formation Temperature (MFT)	18-20°C		
	Ca ²⁺ stability 5% CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-01F	Appearance	light blue liquid	As a general purpose primer for the internal and external walls	The acrylate emulsion has excellent wet adhesion, permeability and alkali resistance.
	Solid content	29 ± 1wt%		
	Viscosity.cps(25°C)	≤500cps		
	PH	7.5-8.5		
	Minimum Film Formation Temperature (MFT)	10°C		
HN-314T	Appearance	light blue liquid	Elastic putty, elastic paint, the external wall insulation system, etc	Elastic styrene-acrylic emulsion, prepared by functional crosslinking monomers, has excellent elongation, outstanding sexual resistant and adhesion.
	Solid content	48 ± 1wt%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	-15°C		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca ²⁺ stability 5% CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

Product Name	Typical Properties		Application	Performance
HN-340T	Appearance	White	Putty, brushed paint	Self-crosslinking emulsion, excellent flexibility, high elasticity, good weather resistance, aging resistance, good adhesion
	Solid content	56 ± 1wt%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	-15°C		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca ²⁺ stability 5%CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

- For textured wall paints

Product Name	Typical Properties		Application	Performance
HN-9105A	Appearance	Light blue liquid	Decorative textured wall coatings	Silicone modified styrene-acrylic emulsion, core-shell structure, high water resistance, anti-whiteness, strong adhesion, good adhesion, fast drying, good film formation, excellent early water resistance.
	Solid content	44±1wt%		
	Viscosity.cps(25°C)	2000-8000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	21-22°C		
HN-9106C	Appearance	Blue	Decorative textured wall coatings	Silicon modified pure propyl emulsion, excellent water bleaching resistance, water resistance, weather resistance, good color distribution, toughness, excellent yellowing resistance. It has strong alkaline resistance, calcium ion stability, dilution stability and freeze-thaw stability.
	Solid content	47±1wt%		
	Viscosity.cps(25°C)	3000-8000		
	PH	7.0-9.0		
	Minimum Film Formation Temperature (MFT)	20-21°C		

- For multi-color paints

Product Name	Typical Properties		Application	Performance
HN-9301C	Appearance	light blue liquid	Continuous phase of multicolored paint	Good permeability, does not affect spray \ dry color presentation
	Solid content	37 ± 1 wt%		
	Viscosity.cps(25°C)	< 100		
	Particle Size (nm)	60-70		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	8°C		
	Ca ²⁺ stability 5%CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-9311S	Appearance	light blue liquid	Disperse phase of colorful coating	Package, impermeable color performance, water resistance, excellent adhesion.
	Solid content	47 ± 1 wt%		
	Viscosity.cps(25°C)	100-2000		
	Particle Size (nm)	90-120		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	29°C		
	Ca ²⁺ stability 5%CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

TWO

For waterproof coating and sealant



- For waterproof coating

Product Name	Typical Properties		Application	Performance
HN-3050	Appearance	Light blue	Single component waterproof, putty, gidding paint.	Self-crosslinking emulsion, has excellent flexibility, high elasticity, good weather and aging resistance and good adhesion.
	Solid content	50 ± 1wt%		
	Viscosity.cps(25°C)	2000-4000		
	PH	7.0-8.0		
HN-3527	Appearance	Milky white	Polymer cement waterproofing coatings and polymer cement waterproofing pastes	Excellent cement compatibility, excellent low temperature properties, elongation and tensile strength, excellent resistance to water, alkali and weathering
	Solid content	54 ± 1wt%		
	Viscosity.cps(25°C)	100-1000		
	PH	7.5-9.0		
	Minimum Film Formation Temperature (MFT)	0°C		
HN-332T	Appearance	Milky white with a hint of green	Elastomeric waterproofing coating, JS waterproof coating, putty, etc	Excellent cement compatibility, excellent low temperature performance, extensibility and tensile strength, excellent water, alkali and weather resistance.
	Solid content	56 ± 1wt%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5% CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

Product Name	Typical Properties			Application
HN-3198A	Appearance	Milky blue	Acrylic coloured elastic waterproof coating, polymer modified emulsified asphalt and emulsified asphalt waterproof coating for road and bridge	Excellent flexibility, no plasticisers, long lasting and effective elasticity and waterproofing, excellent filler wrap carrying capacity and excellent mechanical stability, easy to formulate, excellent durability and water resistance, extremely strong adhesion to substrates.
	Solid content	50 ± 1wt%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	-11°C		
HN-3168	Appearance	Milky white with a hint of blue	Steel structure metal roofing waterproof coating and heat reflective coating	Good compatibility with cement, give the substrate excellent bonding strength, excellent impermeability.
	Solid content	54 ± 1%		
	Viscosity.cps(25°C)	500-2000		
	PH	8.5-9.5		
	Minimum Film Formation Temperature (MFT) (°C)	0°C		
HN-3090	Appearance	Light blue translucent	Transparent waterproof adhesive	Good transparency, good weather resistance, good adhesion to the substrate, excellent water resistance
	Solid content	39 ± 1wt%		
	Viscosity.cps(25°C)	<500		
	PH	3.0-5.0		

Product Name	Typical Properties		Application	Performance
HN-5025	Appearance	Milky white	Water-based non-curing rubber asphalt waterproof coating	Directly sprayed construction is convenient without heating, waterproof coating film dense, strong bonding, good adhesion to the grassroots and a variety of coil materials. Very good extensibility and self-healing properties
	Solid content	50 ± 1wt%		
	Viscosity.cps(25°C)	500-2000		
	PH	6.5-7.5		
HN-7038	Appearance	Milky white	Water-based non-curing rubber asphalt waterproof coating	Directly sprayed construction is convenient without heating, waterproof coating film dense, strong bonding, good adhesion to the grassroots and a variety of coil materials. Very good extensibility and self-healing properties
	Solid content	70 ± 1wt%		
	Viscosity.cps(25°C)	3000-5000		
	PH	7.0-8.0		

- For Sealant adhesive

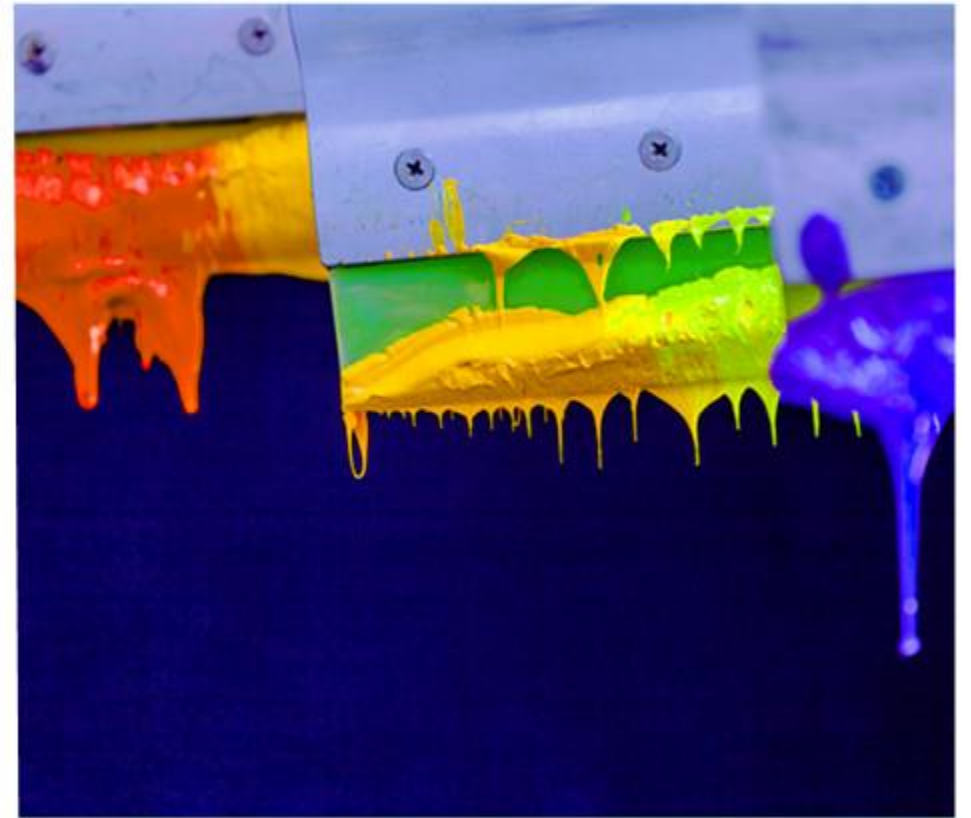
Product Name	Typical Properties		Application	Performance
HN-154VE	Appearance	milk white liquid	Sealant adhesive for construction, ceramic tile adhesive, etc	Vinyl acetate-acrylate copolymer, has good stability and water resistance, has high bearing capacity to powder and good adhesion.
	Solid content	53±1wt%		
	Viscosity.cps(25°C)	100-500		
	PH	3.5-4.5		
	Glass Transition Temperature (Tg)	-		
	Minimum Film Formation Temperature (MFT)	0°C		
HN-1026	Appearance	Light blue	Water-proof sealant for construction	Styrene emulsion with fast curing, stability, good water resistance, high carrying capacity for powders and good adhesion.
	Solid content	47±1wt%		
	Viscosity.cps(25°C)	1000-5000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-1795A	Appearance	Light blue	Water-proof sealant for construction	Styrene emulsion with good stability, water resistance, high carrying capacity for powders and good adhesion.
	Solid content	47±1wt%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

Product Name	Typical Properties		Application	Performance
HN-167T	Appearance	light blue	High elastic silicone sealant	Silicone modified acrylate emulsion, has good weather resistance quick curing, stability, water resistance, toughness, resilience and good adhesion.
	Solid content	50±1wt%		
	Viscosity.cps(25°C)	5000-8000		
	PH	6.0-7.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	pass		
HN-169T	Appearance	Light blue	Water-based transparent sealant	Silicone-modified pure propylene emulsion with good transparency, high gloss, good weather resistance and yellowing resistance.
	Solid content	50±1wt%		
	Viscosity.cps(25°C)	500-1500		
	PH	2.0-5.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		
HN-6028	Appearance	Milky white	Water-proof sealant for construction	Styrene emulsion with high solid content, fast curing, stability, good water resistance, high carrying capacity for powders, high brightness and good adhesion.
	Solid content	60±1wt%		
	Viscosity.cps(25°C)	100-500		
	PH	2.0-5.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca2+ stability 5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

Product Name	Typical Properties		Application	Performance
HN-1761	Appearance	Milky white	Gloss black sealant, porcelain white sealant, etc.	Styrene emulsion with high solid content, fast curing, stability, good water resistance, high carrying capacity for powders, high brightness and good adhesion.
	Solid content	60±1wt%		
	Viscosity.cps(25°C)	100-1000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Ca ²⁺ stability 5%CaCl ₂ : emulsion =1:3, 48h, No Flocculation, No Stratification.	PASS		

THREE

For fabric adhesive and printing ink



- Fabric adhesive

Product Name	Typical Properties		Application	Performance
HN-2018S	Appearance	Light blue liquid	Used with HN-3451HF for glass fiber mesh soft glue.	This product is a self-crosslinking emulsion with high cohesive strength, firm positioning, high elasticity and excellent alkali resistance.
	Solid content	34 ± 1wt%		
	Viscosity.cps(25°C)	≤ 150		
	PH	6.0-7.0		
	Glass Transition Temperature (Tg)	-18°C		
HN-3451HF	Appearance	Light blue liquid	Used with HN-2018S for glass fiber mesh soft glue.	This product is a self-crosslinking emulsion with high adhesion to glass fiber, excellent alkali resistance, high gloss, and no moisture absorption and stickiness.
	Solid content	34 ± 1wt%		
	Viscosity.cps(25°C)	≤ 150		
	PH	6.0-7.0		
	Glass Transition Temperature (Tg)	45°C		
HN-4000	Appearance	Light blue liquid	Used with HN-4020, HN-4040 for glass fiber mesh soft glue.	This product is a self-crosslinking emulsion with high adhesion to glass fiber, excellent alkali resistance, high gloss, and no moisture absorption and stickiness.
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	800-1000		
	PH	6.0-7.0		
	Glass Transition Temperature (Tg)	0°C		
HN-4020	Appearance	Light blue liquid	Moderate hardness, can be used alone or used with HN-4000	This product is a self-crosslinking emulsion with high adhesion to glass fiber, excellent alkali resistance, high gloss, and no moisture absorption and stickiness.
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	400-600		
	PH	6.0-7.0		
	Glass Transition Temperature (Tg)	20°C		

- Fabric adhesive and printing paste

Product Name	Typical Properties		Application	Performance
HN-4040	Appearance	Light blue liquid	Used with HN-4020, HN-4040 for glass fiber mesh hard glue.	This product is a self-crosslinking emulsion with high adhesion to glass fiber, excellent alkali resistance, high gloss, and no moisture absorption and stickiness.
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	200-400		
	PH	6.0-7.2		
	Glass Transition Temperature (Tg)	40°C		
HN-5008	Appearance	White and light yellow emulsion	Screen printing paste	Soft, low tack back, good fastness, good adhesion.
	Solid content	50 ± 1wt%		
	Viscosity.cps(25°C)	100-1000		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	0°C		
	Calcium ion (Ca2+) stability	PASS		
HN-8321H	Appearance	Light blue liquid	Nylon, polyester cloth stereotypes	Strong penetration+B9:F39, good fiber positioning effect, high stiffness
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	100-1000		
	Particle size (nm)	120-140		
	PH	2.0-5.0		

- For curtain and sponge adhesive

Product Name	Typical Properties		Application	Performance
HN-SL530	Appearance	Light blue	Mainly used for wet curtain bonding in refrigeration systems and other industrial adhesives	Self-crosslinking styrene acrylic emulsion, strong adhesion, good water resistance, extra long service time, does not contain any heavy metals, meets export standards, stable mechanical and physical properties, not easy to deteriorate, easy to store.
	Solid content	34 ± 1wt%		
	Viscosity.cps(25°C)	2500-4000		
	PH	4.0-6.0		
	Minimum Film Formation Temperature (MFT)	0°C		
HN-9827	Appearance	Light blue semi-translucent	Sponge adhesives	For a stiffening effect, the glue lengthens and sets the shape without springing back.
	Solid content	39 ± 1wt%		
	Viscosity.cps(25°C)	3000-5000		
	Particle size (nm)	60-100		
	PH	6.0-8.0		
HN-PW01	Appearance	Milky blue	Cotton spray adhesive	Self-crosslinking vinyl acrylic adhesive with high mechanical and thermal stability, infinitely dilutable in soft water. Strong bonding and easy film formation. Can be bonded to various fibres, high bond strength, good heat and fire resistance can be tailored to customer requirements.
	Solid content	32 ± 1wt%		
	Viscosity.cps(25°C)	< 10		
	PH	3-5		
	Glass Transition Temperature (Tg)	19°C		

- For curtain and sponge adhesive

Product Name	Typical Properties		Application	Performance
HN-CA01	Appearance	Milky blue	Carpet backing adhesive	Medium stiffness, good thermoplastic stability, good binding of the pile head
	Solid content	32±1wt%		
	Viscosity.cps(25°C)	< 10		
	PH	3-5		
	Glass Transition Temperature (Tg)	19°C		
HN-816	Appearance	乳白	Water-based laminating adhesives	Low glue consumption and high adhesion when laminating.
	Solid content	54±1wt%		
	Viscosity.cps(25°C)	300-1000		
	PH	5.0-6.0		
	Minimum Film Formation Temperature (MFT)	0°C		

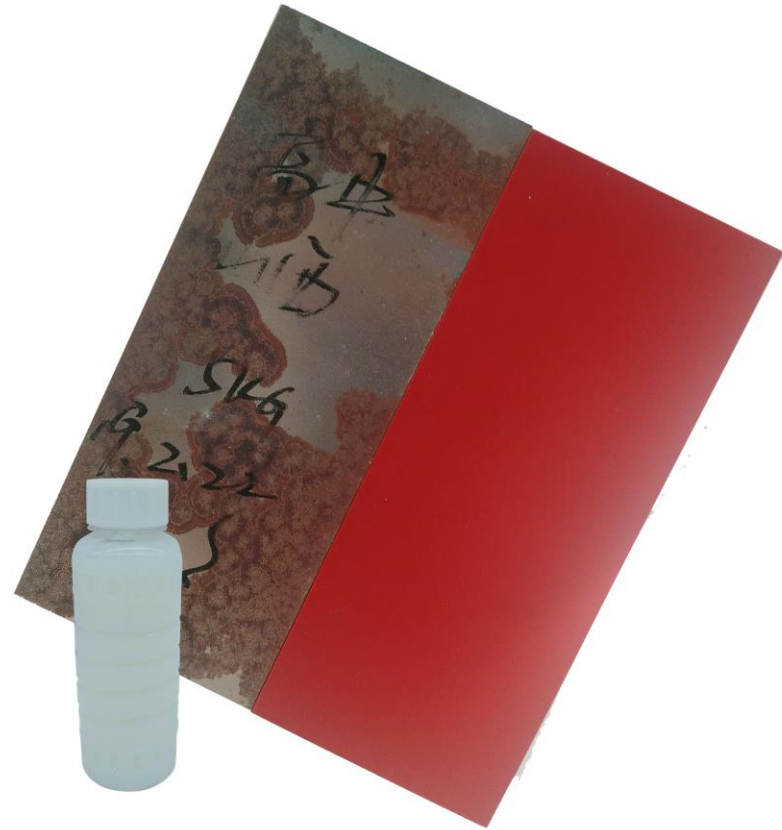
• For water based printing ink

Product Name	Typical Properties		Application	Performance
HN-501NK	Appearance	slight blue	Water-based inks for flexographic printing on paper substrates	Good resolubility, high gloss, good film-forming performance, good compatibility with quick-drying agent, good substrate adhesion.
	Solid content	47 ± 1wt%		
	Viscosity .cps (25°C)	100-500		
	Particle Size (nm)	80-100		
	pH	6.0-8.0		
	Glass transition temperature	10°C		
HN-9132	Appearance	cream	Non-woven fabric, cotton fabric, chemical fiber inkjet printing coating adhesive	Non-ionic emulsion, used for printing layers based on non-woven fabrics, cotton fabrics, and chemical fiber fabrics.
	Solid content	53 ± 1wt%		
	Viscosity .cps (25°C)	500-2000		
	pH	3.0-4.0		
	Glass transition temperature	5°C		
	Minimum film forming temperature	0-5°C		
HN-YS861A	Appearance	slight blue	wallpaper printing ink	Pure acrylic self-crosslinking emulsion, high gloss, fast drying, good weather resistance, no yellowing, no back sticking, resistance to plasticizer precipitation, good color development to various organic and inorganic pigments, good adhesion to paper and board Strong focus, outstanding anti-adhesion.
	Solid content	42 ± 1wt%		
	Viscosity .cps (25°C)	100-1000		
	Particle Size (nm)	100-130		
	pH	6.0-8.0		
	Glass transition temperature	60°C		

Product name	Performance indicators		applications	performance
HN-PC12	Appearance	slight blue	Eco-solvent ink printing coating	Anionic emulsion with high gloss and excellent ink absorption, used for printing layers based on non-woven fabrics, cotton fabrics, and chemical fiber fabrics.
	Solid content	37 ± 1wt%		
	Viscosity .cps (25°C)	600-1500		
	pH	7.0-8.0		
	Glass transition temperature	12° C		
	Minimum film forming temperature	10-15° C		
HN-PC46	Appearance	Milky white blue	Eco-solvent ink printing coating	Anionic emulsion with high gloss and excellent ink absorption, used for printing layers based on non-woven fabrics, cotton fabrics, and chemical fiber fabrics (used in conjunction with GK-PC12).
	Solid content	37 ± 1wt%		
	Viscosity .cps (25°C)	600-1500		
	pH	7.0-8.0		
	Glass transition temperature	46° C		
	Minimum film forming temperature	55° C		

FOUR

For antirust paint



• For antirust paints

Product Name	Typical Properties		Application	Performance
HN-02BF	Appearance	Light Blue Liquid	For anti-corrosion of zinc coated steel	Good compatibility with hexavalent chromium, compact paint film, high water and weather resistance, high adhesion and high impact resistance.
	Solid content	37 ± 1wt%		
	Viscosity.cps(25°C)	<500		
	PH	2.0-4.0		
	Calcium ion (Ca2+) stability	PASS		
HN-5197	Appearance	Light blue liquid	For anti-corrosion of zinc coated steel	Good compatibility with hexavalent chromium, compact paint film, high water and weather resistance, high adhesion and high impact resistance.
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	<200		
	PH	2.0-4.0		
	Calcium ion (Ca2+) stability	PASS		
HN-1019A	Appearance	Light blue liquid	Basic protection of steel structure and casting paint (Primer and surface integrated)	Self-crosslinking styrene-acrylic emulsion, small particle size, good water resistance, high gloss, good compatibility with anti-rust agents and anti-rust pigments, excellent adhesion to metal substrates, and high cost performance.
	Solid content	46 ± 2%		
	Viscosity.cps(25°C)	1000-3000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	28°C		
	Minimum Film Formation Temperature (MFT)	80°C		
HN-5119	Appearance	Light blue liquid	Color steel plate coating	Self-crosslinking styrene-acrylic emulsion, high hardness, good weather resistance, high resistance to chalking and discoloration, excellent adhesion, high water resistance, salt spray resistance and flash rust resistance. °
	Solid content	48 ± 1wt%		
	Viscosity.cps(25°C)	4000-6000		
	PH	7.0-8.0		
	Glass Transition Temperature (Tg)	25°C		
	Minimum Film Formation Temperature (MFT)	20-22°C		
HN-5203C	Appearance	Light blue liquid	Water based industrial coatings	Styrene-acrylic emulsion, high hardness, good weather resistance, excellent adhesion, water resistance, salt spray resistance and flash rust resistance, can be compatible with suitable water-based resins to make industrial coatings.
	Solid content	40 ± 1wt%		
	Viscosity.cps(25°C)	<500		
	PH	7.0-8.0		
	Minimum Film Formation Temperature (MFT)	33°C		

Five

For dust control and soil stabilizer



- For dust control and soil stabilizer

Product Name	Typical Properties		Application	Performance
HN-152VA	Appearance	Light blue	dust and sand suppression	It degrades quickly in the natural environment and is non-polluting, suitable for working environments with frequent spraying
	Solid content	50±1wt%		
	Viscosity .cps (25°C)	<500		
	pH	2.0-5.0		
	Minimum film forming temperature	0°C		
	Calcium ion stability	pass		
HN-158T	Appearance	Light blue	dust and sand suppression	Silicon-modified styrene-acrylic emulsion with high dilution ratio. The paint film has both strength and toughness, strong adhesion to sand and dust, self-forming film at room temperature, and excellent weather resistance of the paint film, which can ensure long-term effects.
	Solid content	50±1wt%		
	Viscosity .cps (25°C)	1500-3000		
	pH	6.0-7.0		
	Minimum film forming temperature	0° C		
	Calcium ion stability	pass		

Six

Building paint additive



• Thickener agent

Product Name	Typical Properties		Application	Performance		
AT-01	Appearance	Milky white blue	water-based paint thickener	Improve paint flow, leveling, anti-sagging.		
	Solid content	30 ± 1wt%				
	Viscosity .cps (25°C)	≤100				
	pH	2.0-4.0				
ATW-60	Appearance	Milky white blue		water-based paint thickener	Good thickening effect and strong thixotropy.	
	Solid content	30 ± 1wt%				
	Viscosity .cps (25°C)	≤100				
	pH	2.0-4.0				
ATW-2070	Appearance	Milky white blue			water-based paint thickener	Good thickening effect, providing medium shear viscosity, improving system flow and leveling.
	Solid content	35 ± 1wt%				
	Viscosity .cps (25°C)	≤100				
	pH	2.0-4.0				
ATW-2080	Appearance	Milky white blue	water-based paint thickener			High thickening effect, high thixotropy, providing medium and high shear viscosity.
	Solid content	28 ± 1wt%				
	Viscosity .cps (25°C)	≤30				
	pH	3.0-4.0				
ATW-2090	Appearance	Milky white blue		water-based paint thickener		Alkali-swellable associative thickener, excellent thickening effect and leveling.
	Solid content	29 ± 1wt%				
	Viscosity .cps (25°C)	≤30				
	pH	3.0-4.0				

• Dispersant agent

Product Name	Typical Properties		Application	Performance
WP-40	Appearance	pale yellow	Water-based paint dispersant	It has a good dispersion effect on inorganic pigments and fillers, and has good coating stability.
	Solid content	40 ± 1 wt%		
	Viscosity .cps (25°C)	≤ 500		
	pH	7.5-9.0		
WP-5040	Appearance	pale yellow		Significantly improve the leveling and anti-settling properties of the paint, and can be incorporated into coatings as part of film formers
	Solid content	40 ± 1 wt%		
	Viscosity .cps (25°C)	≤ 500		
	pH	7.5-9.0		

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