HN-5101

Technical Data Sheet

Styrene-acrylic copolymer emulsion / General water-based coating applications / TDS

01 Product Description

This product is a styrene, acrylate and special functional monomer copolymerized polystyrene emulsion. This product has adhesion, water resistance, and the paint film has moderate hardness and good impact resistance. The water-based industrial paint formulated with this product has excellent gloss performance and salt spray resistance and is suitable for industrial paint topcoat, base and surface one, and other light anti-corrosion coatings. Product use Industrial paint topcoat, primer and surface treatment for light corrosion protection coating

02 Key Benefits

- This product is a styrene, acrylate and special functional monomer copolymerized polystyrene emulsion.
- This product has adhesion, water resistance, and the paint film has moderate hardness and good impact resistance.
- The water-based industrial paint formulated with this product has excellent gloss performance and salt spray resistance and is suitable for industrial paint topcoat, base and surface one, and other light...

03 Recommended Applications

- General water-based coating applications

04 Technical Data

Item	Specification
Appearance	Milky white liquid with blue glow
Solids content (%)	48±1%
Viscosity（25℃，cps）	0-1000cps
pH 值	7.0-9.0
MFFT，℃	35
Mechanical stability	Excellent

05 Packaging, Storage and Transportation

- Standard packages: 200 kg, 50 kg or 25 kg drums, or customized packaging as agreed.
- Store in a ventilated, dry warehouse and avoid direct sunlight.
- Recommended storage and transportation temperature: 5-30°C.
- Shelf life is six months; product may still be used after inspection if no abnormal change is found.

Safety: Water-based polymer emulsion; not readily flammable under normal conditions. In case of eye contact, rinse immediately with plenty of water.