HN-4315B

Technical Data Sheet

Water-based polymer emulsion / HN-4315B is used for paper or cardboard surface coating. / TDS

01 Product Description

Polymerized with a variety of new functional monomers, this emulsion coating has good protection against water, moisture, mixed fatty acids, etc., and has excellent thermal adhesion resistance. At the same time, the emulsion has good stability and is highly tolerant to inorganic pigments such as china clay, calcium carbonate, white powder and talc.

02 Key Benefits

- Polymerized with a variety of new functional monomers, this emulsion coating has good protection against water, moisture, mixed fatty acids, etc., and has excellent thermal adhesion resistance.
- At the same time, the emulsion has good stability and is highly tolerant to inorganic pigments such as china clay, calcium carbonate, white powder and talc.

03 Recommended Applications

- HN-4315B is used for paper or cardboard surface coating.

04 Technical Data

Item	Specification
Appearance	Milky white liquid with a hint of blue
Solid content	45±1%
Viscosity (25C)	<200cps
pH	7.0-8.0
Ca2+ stability 0.5%CaCl2: emulsion =1:3, 48h, No Flocculation, No Stratification.	Pass
Glass Transition Temperature (Tg)	-10°C

05 Compatibility

Compatible with most chemicals used in water-based paints.

06 Packaging, Storage and Transportation

- Packing: 50kgs plastic drum/160kgs plastic drum/200kgs plastic drum/1000kgs IBC pallet/20000kgs soft packing.

Safety: The water-based polymer emulsion is non-toxic and non-flammable. If it splashes into the eyes, it should be washed with plenty of water immediately.