

HJS-1320 Eco-Friendly Resin

【Description】

HJS-1320 is an acrylic copolymer emulsion (core-shell structure starch-based) that featured water-proof and high thermal sensitive in heat-sealing which 2 in 1 effects just requires one coating. Its good leveling and drying rate can improve paper strength and paper folding endurance. The emulsion is glycol-free, extremely low VOC, HAPS-free and slight odor.

【Features】

- Low VOC
- Glycol-free
- Excellent water proof and chemical resistance
- Printability
- Good compatibility
- Soft texture after film formation
- Stable property in freezing and thawing
- Excellent heat-sealing whereas in moisture or oily conditions.
- Good adhesion with polar materials, such as paper, aluminum foil.
- Good tensile strength after film formation and dried.

【Specification】

- Translucent emulsion
- Solid content(%) : 25±1
- pH (25°C) : 8.5±1
- Density(g/cm³) : 1±0.05 @20°C
- Viscosity(25°C) : 350±150 cps
- Min. film formation temperature<5°C
- Solidification temperature: 60°C
- Heat-sealing temperature: 80-150°C

【Application】

1. HJS-1320 especially suits for applying on food wrapping paper or porous materials as filler. The coated paper is with excellent printability and heat-sealing property.
2. The dose rate of 2-3 g/square meter (dried film) on paper can form an effective water-proof film suitable for applying to various packing materials. (The actual value will vary depending on different paper and physical property requirements)
3. Stored in a cool place with well-sealed condition, the quality can be guaranteed for 12 months.

The above values are for reference only and subject to the report along with the shipment.
 For more detailed application information, please contact us.