

HJS-0510 Three in One Eco-Friendly Resin

【Description】

HJS-0510 is an acrylic copolymer emulsion (core-shell structure starch-based) that featured grease-proof, water-proof and heat-sealing which 3 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
- Good grease barrier
- Good compatibility
- Heat-sealing at lower temperature compared with PE coating
- Hard texture after film formation
- Stable property in freezing and thawing
- Good 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】

- Yellowish emulsion
- Solid content(%) : 47±1
- pH (25 °C) : 8.0±1.0
- Density(g/cm³) : 1±0.05
- Viscosity(25 °C) : 100±20cps
- Min. film formation temperature<5 °C
- Solidification temperature: 60 °C
- Heat-sealing temperature: 150-180 °C

【Application】

1. HJS-0510 especially suits for applying on food wrapping paper or porous materials as filler. The coated paper is with excellent heat-sealing property.
2. The dose rate of 4-10 g/square meter (dried film) on paper can form an effective grease-proof and 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.