

IFCA-880

Water-based thickener emulsion



Technical Data Sheet

Name: IFCA-880

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Product Description

Thickener IFCA-880 is a new generation of rosin polyol ester resin aqueous dispersion without APEO and organic solvents, with a solid content of 54%-56%. It is made of special and first-grade rosin as the basic raw material, through esterification, emulsification and other processes.

Due to the unique trans-phase emulsification technology, the product has narrow particle size distribution, stable quality and long storage period; the product is environmentally friendly; the low viscosity of the product is more suitable for the high speed coating of adhesives, and enhances the production efficiency.

Mainly used in water-based labeling adhesives and tapes, packaging, leather production and bonding, latex coatings, etc.

Properties

- 1.No APEO
2. White emulsion, does not contain any organic solvents, eco-friendly
3. It has a significant viscosity increasing effect on polymer emulsion, improve the initial adhesion and peel strength
4. Low viscosity, more suitable for adhesive high-speed coating, improve production efficiency
5. Improve the storage stability of emulsion coatings and the performance of the film
6. Improve the wettability of the adhesive on the film, thereby improving the bonding strength of the system
7. Good compatibility with a variety of polymer emulsions

Product main uses

- 1.Latex Coatings
- 2.Pressure sensitive adhesive
- 3.Label adhesive glue
- 4.Adhesive tape
- 5.Series of water-based adhesives

Characteristic data*

Property	Value	Unit
Particle size	≤600	nm
Dropping point softening point (MDSP)	78-88	°C
PH	8±1	
Viscosity	≤300	mPaS (3#、60rpm、25°C)
Solid content	55±1	%
Bacteria	Clean	

*These properties are typical but do not constitute specifications.

Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight, do not mix or transport it with oxidants. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer

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