

IFC-5103



Waterborne styrene-acrylic copolymer for overcoat varnishes and letterpress inks

Technical Data Sheet

Name: IFC-5103

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Product Description

IFC-5103 is a hard styrene-acrylate copolymer emulsion without APEO, which is specially designed for Waterborne overcoat varnish and printing ink.

The overcoat varnish prepared with IFC-5103 provides excellent clarity, high gloss, outstanding water resistance, fast drying speed, and excellent anti-adhesion properties. This product has a wide range of compatibility and can be used with other acrylic polymers popular in the market. Since this product cannot form a film by itself, it must be mixed with suitable film-forming additives or acrylic emulsions of smaller particle size.

Typical applications: Suitable for formulating waterborne overcoat varnishes and letterpress inks.

Properties

1. High gloss
2. Fast dry
3. Excellent anti-adhesion properties, abrasion resistance and excellent smooth feel.
4. Excellent rheological properties and leveling performance

Characteristic data*

Property	Value	Unit
Tg	83	°C
Appearance	Milky white liquid	
PH (25°C)	8.0-9.0	
Viscosity	600-1500	mPa.s, (#3/60rpm/25°C)
Solid content	46.0±1.0	%
Specific gravity	1.05 ± 0.02	
Stability	Excellent	

*These properties are typical but do not constitute specifications.

IFC-5103



Storage

The product should be stored in dry condition between 10~35°C with the integrity of the packaging, and prevented from direct sunlight. 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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