

IFC-1607



Emulsions with excellent water and stain resistance for finish varnish

Technical Data Sheet

Name: IFC-1607

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Product Description

IFC-1607 is a synthetic overlay emulsion, IFC-1607 is a "power" polymerized core-shell acrylic emulsion with a special core-shell ratio designed to keep the Tg in the right range and the film with high hardness and excellent anti-tack. The moderate cross-linking of special emulsifier and cross-linking unit in the system greatly improves the denseness of the film, reduces the content of free emulsifier, and gives it excellent water resistance and water permeability. The organosilicon nano-structure and hydrophilic system bring high hardness with gradient distribution near the surface of the film, and at the same time, make it have excellent stain resistance performance. In addition, IFC-1607 also has excellent weather resistance, paint adaptability and stability, and can be widely used in colorful paint, real stone paint and other external wall coatings with high gloss overlay.

Properties

1. Good transparency
2. Dense film with excellent water resistance
3. Excellent stain resistance
4. Good yellowing resistance
5. Good versatility
6. Good adaptability to paint matching

Characteristic data*

Property	Value	Unit
Type	Acrylate copolymerization	
Appearance	White with blue luster	
PH (25 °C)	8±1	
Viscosity	<100	
Solid content	37.0±1	%
MFFT	36±2	°C
Ionicity	Anionic	
Particle size	0.05-0.15	µm

*These properties are typical but do not constitute specifications.

IFC-1607



Storage

The product should be stored in sealed container in dry condition between 10~35°C and prevented from direct sunlight, freezing and high temperature. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life.

Disclaimer

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