

IFC-400A

Styrene-Acrylic copolymer emulsion



Technical Data Sheet

Name: IFC-400A

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Product Description

IFC-400A is a styrene-acrylic copolymer emulsion. It has high film hardness as well as proper tenacity which provides excellent anti-cracking property. IFC-400A is specially designed for extremely high gloss coating with perfect formula stability.

IFC-400A is a fine particle size emulsion with excellent early water resistance, anti-stick property, and strong adhesion to all substrates, high thickening response efficiency which can greatly reduce the dosage of thickener agent and reduce the coating formula cost. Besides, IFC-400A has high pigment and filler carrying capacity, excellent scrub resistance, alkali resistance and good weather resistance.

Compared with other competitive grades, the gloss of IFC-400A is quite outstanding, especially for interior white latex coating.

Properties

1. Extremely high gloss
2. High film hardness and good tenacity
3. High water resistance
4. Excellent scrub resistance
5. Excellent adhesion (to all substrates)
6. High thickener responsiveness efficiency (reduce the cost of coating formula)

Characteristic data*

Property	Value	Unit
Appearance	Milky white liquid	
Solid content	45±1	%
PH	7.0-9.0	
Viscosity	1000-3000	mPa·s
Particle Size	0.05-0.15	µm
MFFT	30	°C
Tg	37	°C
Ionicity	Anionic	

*These properties are typical but do not constitute specifications.

IFC-400A



Storage

The product should be stored in dry condition between 5~35°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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