

IFC-420



Water based styrene-acrylic copolymer emulsion for economical interior&exterior coatings

Technical Data Sheet

Name: IFC-420

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Version:1.3

Product Description

IFC-420 is a styrene-acrylic copolymer with small particle size and appropriate viscosity, but without protective colloid. The film formed is tough and elastic, with good water resistance, abrasion resistance and alkali resistance.

As a binder for coatings, IFC-420 has high pigment & filler carrying capacity, good weather resistance, excellent adhesion and flexibility.

Due to its small particle size, IFC-420 is recommended for high gloss coatings with excellent colour development.

Properties

1. Excellent water resistance
2. Excellent alkali resistance
3. Excellent scrub resistance
4. Excellent adhesion to substrates
5. Excellent flexibility
6. Excellent weather resistance

Characteristic data*

Property	Value	Unit
Type	Styrene acrylic copolymer emulsion	
Appearance	Milky white with blue phase latex	
PH (25°C)	7-9	
Viscosity	3000-7000	cps (25°C,3#,12r)
Solid content	47-49	%
MFFT	22	°C
Tg	25	°C
Particle size	0.1	µm

*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. The validity of this product is for 12

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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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