

IFC-450

Styrene-acrylic copolymer emulsion



Technical Data Sheet

Name: IFC-450

Revision Date: 2023-09-01

Version:1.3

Product Description

IFC-450 is a modified core-shell phenylpropylene emulsion specifically designed for use in coloured and pearlescent high gloss coatings. The product has a low film forming temperature and high viscosity. It can be used directly with colour paste and pearlescent pigment. The high gloss coating formulated with IFC-450 can be applied directly to all types of craft and cement substrates without primer, with alkali resistance and high adhesion. The high-gloss coating formulated with IFC-450 is resistant to after-tack and boiling water bubbles, maintains its lustre, and has good gloss retention after UV.

Properties

1. Excellent gloss performance and gloss retention
2. Excellent after-tack resistance
3. Excellent water resistance
4. Excellent alkali resistance
5. Good weather resistance

Characteristic data*

Property	Value	Unit
Appearance	Milky white liquid	
Solid content	48 ± 1	%
PH	7.0-9.0	
Viscosity	8000-12000	mPa·s
Density	1.02-1.09	g/cm ³
MFFT	5	°C
Tg	28	°C

*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 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

IFC-450



application and use up once the package is open.

Disclaimer

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.