

IFC-1533



Pure acrylic emulsion for water-in-water multicolor paint

Technical Data Sheet

Name: IFC-1533

Revision Date: 2022-08-04

Version:1.3

Product Description

IFC-1533 is a pure acrylic polymerized emulsion, designed for coatings that are environmentally friendly and low VOC. It is a high-performance emulsion that has a wide range of applications.

The soap-free polymerization process ensures that IFC-1533 provides superior resistance to water, weathering, and alkali, and produces high-quality color. Additionally, after film formation, it exhibits excellent elongation. As no film-forming additives are necessary for film formation, IFC-1533 can be developed as an eco-friendly coating with low VOC, providing a cost-effective benefit.

Furthermore, water-in-water colourful paint made with IFC-1533 exhibits stability in color points forming, effective colour spreading, controlled processes, and no thickening after preparation. Additionally, it yields an outstanding effect when applied as the base paint of multicolor paint.

Properties

1. Excellent resistance to water, weathering, and alkali
2. Excellent elongation
3. Superior colour spreading

Characteristic data*

Property	Value	Unit
Type	Acrylic copolymer	
Appearance	Milky white & bluish	
PH (25 °C)	8±1	
Viscosity	500-3000	
Solid content	48±1	%
MFFT	about 0	°C
Particle size	0.1-0.2	µm
Ionicity	Anionic	

*These properties are typical but do not constitute specifications.

IFC-1533



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

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.