

IFC-5747

High performance low odor styrene acrylic emulsion



Technical Data Sheet

Name: IFC-5747

Revision Date: 2023-08-04

Version:1.3

Product Description

IFC-5747 is a styrene/acrylate copolymer, which is an amine-free high performance styrene-acrylic emulsion. Using our unique polymerization process and post-treatment technology, the emulsion has the characteristics of low odor, high environmental protection, and does not contain APEO, ammonia and heavy metal.

IFC-5747 is professionally designed and applied to the manufacture of low-odor coatings. It has high bearing capacity for pigments and fillers, and has excellent freeze-thaw stability and scrub resistance.

Properties

1. Fine particle size and excellent odor reflect good environmental protection
2. Excellent powder carrying capacity
3. Excellent freeze-thaw stability and scrub resistance

Characteristic data*

Property	Value	Unit
Type	Styrene/acrylate copolymer	
Appearance	Milky white blue light lotion	
Solid content	47±1	%
PH (25°C)	7.5±1	
Viscosity	50-400	mPa.s
MFFT	30±2	°C
Particle size	0.1-0.2	µm
Iconicity	Anionic	

*These properties are typical but do not constitute specifications.

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

IFC-5747



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.