

IFC-3109

Emulsion for water-based industrial paint



Technical Data Sheet

Name: IFC-3109

Revision Date: 2023-05-07

Version:1.3

Product Description

IFC-3109 is a polymer emulsion made of styrene-acrylate and organosilicon monomer copolymerization, the fine particle size gives the emulsion film excellent water resistance and water white performance. At the same time, the early strength is built up quickly, which is suitable for the preparation of environmentally friendly anticorrosive antirust paint. It is suitable for the preparation of environmentally friendly anticorrosive antirust paint. And It has excellent performance when used with waterborne alkyd resin.

Properties

1. Solvent-free, APEO-free
2. Good denseness and high hardness of paint film
3. Excellent early water resistance
4. Excellent mechanical stability and color spreading
5. Fast build-up of early film strength

Characteristic data*

Property	Value	Unit
Appearance	Milky white with bluish emulsion	
Solid content	45±1	%
Viscosity (25°C)	500-4000	mPa.s
pH (25°C)	8±1	
Tg	25	°C
MFFT	30	°C
Ionicity	Anionic	

*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 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.

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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.

Note

Do not mix with cationic substances.