

IFC-1510



Professional Multi-color Paint Carrier Phase Silicone Acrylic Emulsion

Technical Data Sheet

Name: IFC-1510

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Version:1.3

Product Description

IFC-1510 is a self-crosslinking silicone-acrylic emulsion synthesized by a special process and polymerized by the patented "ACT-surf" technology. The product has good film-forming property, the film is extremely fine, and the multi-color paints prepared by IFC-1510 has excellent water whitening resistance, water resistance, weathering resistance, and water-whitening recovery. It is characterized by small particle size and high transparency, and the formulated multi-color paint has excellent transparency.

IFC-1510 has excellent compatibility with a variety of laponites, and adds a thicker inert protective layer on the outside of the colloid, ensuring excellent stability of the paints. It is specially designed to be used as a continuous phase emulsion for multi-color paints. Paints made with IFC-1510 are very stable in storage over a wide temperature range and do not thicken.

Properties

1. Excellent stability of paint matching
2. Excellent transparency of paint matching
3. Outstanding water whitening resistance and recovery
4. Good water resistance and weathering resistance

Characteristic data*

Property	Value	Unit
Type	Silicone-acrylic copolymer	
Appearance	translucent emulsion	
PH (25°C)	8±1	
Viscosity	10-80	mPa.s
Solid content	40±1	%
MFFT	20	°C
Particle size	<0.1	µm
Ionicity	Anionic	

*These properties are typical but do not constitute specifications.

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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.