

# IFC-1512



Professional multi-color paint carrier phase silicone acrylic emulsion

## Technical Data Sheet

Name: IFC-1512

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### Product Description

IFC-1512 is a self-crosslinking silicone-propylene emulsion synthesized by a special process and copolymerized using a core-shell structure.

The product has low film-forming temperature and extremely dense film, and the colorful paint prepared by it has excellent water whitening resistance, water resistance and weather resistance. It is characterized by small particle size and high transparency, and the formulated multi-color paint made with it also has excellent transparency.

IFC-1512 has good compatibility with protective colloids and is specially designed to be used as a continuous-phase load-bearing emulsion for colorful paints. The finished paint formulated with it is stable in storage, not easy to be thickened, and has good water-whiteness and strong recovery ability.

### Properties

1. Outstanding water whitening resistance and weathering resistance
2. Excellent transparency
3. Excellent adhesion

### Characteristic data\*

Property	Value	Unit
Type	Silicone-acrylic copolymer	
Appearance	Milky white with blue lighte mulsion	
PH (25°C)	8±1	
Viscosity	5-60	mPa.s
Solid content	35±1	%
MFFT	11	°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

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