

IFCA-100

General Purpose Lipophilic Wetting Agent



Technical Data Sheet

Name: IFCA-100

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Product Description

IFCA-100 is a general-purpose nonionic surfactant, which has good wettability to various pigments and fillers. It assists the dispersant in reducing the viscosity at the initial stage and can significantly reduce the surface tension of the system and improve the wetting of the base layer. function to improve leveling. It can also improve the floating color in the tank and the blooming of the paint film caused by organic colorants such as carbon black, phthalocyanine blue, and phthalocyanine green.

The main chemical composition of IFCA-100 is alkylphenol polyoxyethylene ether, which is a multi-purpose surfactant. It can effectively improve the compatibility of various pigments and fillers with the water phase, and is suitable for the wetting of various aqueous systems.

Properties

1. Good wettability to various pigments and fillers
2. Significantly reduce the surface tension of the system, improve the wetting effect on the base layer, and improve the leveling property
3. Improve floating color and paint film blooming.
4. Effectively improve the compatibility of various pigments and fillers with the water phase

Characteristic data*

Property	Value	Unit
PH	7.0	
Appearance	Clear liquid	
Active ingredient content	70	%
Surface tension	32 (25°C)	0.01% aqueous solution
HLB	13	

*These properties are typical but do not constitute specifications.

IFCA-100



Recommended Dosage and Usage

Add 0.1~0.5% of IFCA-100 to the total amount of coating (in the form of finished products), and the specific dosage should be subject to the experiment. For the convenience of use, IFCA-100 has added antifreeze agent components, which will not freeze at temperatures above -5°C and can be add directly.

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 24 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage.

Disclaimer

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