

IFCA-330A

Hydrophobic ammonium salt dispersant



Technical Data Sheet

Name: IFCA-330A

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Product Description

IFCA-330A is a special polymer dispersant of polyacrylic acid ammonium salt type, which can enhance the wetting of pigment, shorten the grinding time, stabilize the pigment dispersion system, prevent the pigment from flocculation, and reduce the tendency of floating color and blooming. It has the characteristics of sharply reducing the viscosity of abrasive material, improving the storage stability of paint, increasing gloss and leveling.

IFCA-330A is neutralized with ammonia, which will be volatilized when the paint film is formed, and can effectively improve the water resistance of the paint film. It is an ideal wetting and dispersing agent, it has good dispersing effect on various inorganic pigments (fillers) such as titanium dioxide, talc, Lide powder, calcium carbonate, zinc oxide, kaolin, ultramarine, etc. Compared with IFCA-5040, it performs even better in the grinding of fine powders, it is widely used in architectural coatings, all kinds of waterborne industrial paints and pigment concentrates, etc., and it is especially suitable for the system of higher requirements of water resistance, such as the exterior wall latex paint, with many advantages. It is especially suitable for systems with high water resistance such as exterior emulsion paints, and has many formulation advantages:

1. Very effective for inorganic pigments, good versatility
2. Low cost, high dispersing efficiency, good reproducibility of formulations
3. Low foaming and easy to manufacture.
4. Excellent compatibility with alkali swelling thickeners and polyurethane thickeners, good storage stability
5. Good compatibility with low carbon alcohols, providing high luster

Characteristic data*

Property	Value	Unit
Chemical Type	Ammonium polyacrylate	
Appearance	Light yellow transparent liquid	
PH	6.5	
Solid content	33 ± 1	%
Solubility	Soluble in water	

*These properties are typical but do not constitute specifications.

IFCA-330A



Application

Water-based adhesives, water-based varnishes, water-based inks, interior and exterior wall latex paints, leather coatings, other water-based systems

Dosage

It is recommended to add 0.3~1.0% (solids/solids) to the color filler, the specific dosage should be subject to experiment.

Storage

1. 50kg /250kg plastic drum
2. The product should be sealed and placed in a cool, dry and ventilated place. It 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 12 months, performance assessment is recommended before use after shelf life.

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.