

Super Dispersant DCA-5139N-2

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Introduction

DCA-5139N-2 is a polymer copolymer containing multiple anchoring groups, suitable for grinding various pigment fillers. It exhibits exceptional dispersing capability for matting agents and organic pigments, significantly reducing operational viscosity and increasing filler content, with excellent storage stability..

Physicochemical Data

- Chemical composition: Polymer copolymer with affinity groups for pigments
- Appearance: Yellow transparent solution
- Active content: 50%
- Solvent: Mixed diesters

Product features

- **Enhanced Dispersing Capability:** Significantly reduces viscosity and enhances flowability.
- **Versatile Compatibility:** Suitable for medium to high polarity systems, compatible with various paint resins.
- **Improved Wetting Properties:** Enhances wetting and dispersing of matting agents.
- **Stable Performance:** Offers excellent storage stability.

Application areas

Suitable for medium to high polarity systems, compatible with common paint resins, demonstrating good versatility within coating systems.

Addition Method

Dosage varies depending on the application system: 5%-20% for inorganic pigments, 30%-50% for organic pigments, 50%-100% for carbon black (based on pigment specific surface area).

Packaging and storage:

25KG iron drum, stored in a cool and dry place.

Note: The purpose of this manual is to provide basic product information to technical personnel involved in the development of coatings, inks, pesticides, and other industries. It is intended for research and reference use and does not carry any warranties. Please conduct preliminary tests to assess its suitability.