

Super Dispersant DCA-511

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Introduction

DCA-511 is a dispersant containing acidic groups, suitable for both water and solvent systems. It not only provides good wettability but also exceptional anti-settling properties. It offers excellent viscosity reduction and dispersion for various inorganic pigment fillers, while also greatly enhancing the flocculation resistance and coarseness of the ground color pastes, thereby significantly increasing the storage stability of the color pastes.

Physicochemical Data

- Chemical composition: Polymer-type block copolymer with acidic groups
- Appearance: Light yellow viscous liquid
- Active content: 100%
- Solvent: None

Product features

- **Enhanced Wettability and Dispersion:** Improves substrate interaction with pigment fillers.
- **Significant Viscosity Reduction:** Lowers system viscosity to enhance flowability.
- **Shortened Grinding Time:** Reduces the time needed for pigment dispersion.

Application areas

Suitable for various solvent-based coating systems and water-based systems.

Addition Method

The addition rate varies by system; typically, 1%-5% for inorganic pigments.

Packaging and storage:

25KG plastic pail, 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.