

Super Dispersant DCA-521

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Introduction

DCA-521 is a high molecular weight dispersant with acidic groups, offering excellent wetting and anti-settling capabilities. It demonstrates outstanding thickening and dispersing abilities for inorganic pigments and metal powders, while significantly preventing coagulation and reagglomeration in well-grounded pigment pastes, thereby greatly enhancing storage stability.

Physicochemical Data

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

Product features

- **Superior Wetting:** As a polymeric super-dispersant, it surpasses small molecular wetting agents in preventing coarse particle formation.
- **Anti-setting capability**
- Preventing coagulation and reagglomeration in well-grounded pigment pastes

Application areas

DCA-521 is compatible with various polar systems

Addition Method

Dosage varies based on different application systems: 1%-5% for inorganic pigments, 2%-4% for titanium dioxide (TiO₂), 3%-5% for metal powders, and 5%-10% for ultrafine nano-metal powders.

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.