

Super Dispersant DCA-6314

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Introduction

DCA-6314 is a new high molecular dispersant developed based on block polymerization technology. Its molecular structure contains multiple pigment-affinic groups, providing strong adsorption capacity for various pigments, especially carbon black. Its solvation chains have excellent compatibility with various resin systems, making it widely applicable. It excels in reducing the viscosity of color pastes, increasing pigment loading, and providing good storage stability.

Physicochemical Data

- Chemical composition: High molecular dispersant containing pigment-affinic groups
- Appearance: Yellow viscous liquid
- Active content: 100%
- Solvent: None

Product features

- Enhances wetting and dispersing ability of base materials.
- Excellent storage stability and prevents re-agglomeration.
- Reduces viscosity and improves flow, shortening grinding time

Application areas

Suitable for medium to high polarity systems.

Addition Method

Dosage varies with different systems: 10%-15% for inorganic pigments, 30%-50% for organic pigments, 5%-6% for titanium dioxide, and 50%-100% for carbon black (depending on pigment 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.