Dispersing agent DCA-8330

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Introduction

DCA-8330 is a new generation of polymer dispersant based on controlled polymerization technology. It is a block copolymer with multiple anchoring groups, which exhibits strong adsorption capacity for various organic pigments, especially carbon black. It significantly reduces the viscosity of grinding systems, increases pigment loading, and has excellent anti-flocculation and re-agglomeration prevention capabilities, greatly improving the storage stability of ground color pastes.

Physicochemical Data

- Chemical composition:Polymer-based block copolymer with affinity pigment groups

- Appearance: Yellow transparent liquid

- Active content: 50%

- Solvent: Mixed diesters

Product features

- DCA-8330 significantly enhances the wetting and dispersing capability of the base material towards pigment fillers, reducing system viscosity, improving flowability, and shortening the grinding and dispersing time.

- DCA-8330 is a polymer-based super dispersant that demonstrates outstanding prevention against re-agglomeration. Compared to small molecule wetting dispersants, it greatly extends the storage stability of ground color pastes.

Application areas

DCA-8330 is suitable for various medium and high polarity systems, including but not limited to the following application areas:

- Solvent system

- UV curable system

Similar Products: EFKA-4310

Our products have a good cost-performance ratio, receiving positive feedback from customers in China and overseas markets.

Addition Method

Add before grinding, disperse at high speed in a system with similar viscosity.

The dosage varies depending on the specific application system: 5%-15% for inorganic pigments, 30%-50% for organic pigments, and 50%-100% for carbon black (based on the specific surface area of the pigment).

Packaging and storage:

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

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