

Synergistic Dispersant DCA-8322



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Introduction

DCA-8322 is a new generation block copolymer dispersant based on controlled aggregation technology. It contains multiple anchoring groups and exhibits strong dispersing ability for various difficult-to-disperse organic pigments. It is particularly suitable for dispersing carbon black, 254 red, 122 red, 23 violet, and others.

Physicochemical Data

- Chemical composition: Polymer-based block copolymer with affinity for pigments
- Appearance: Yellow transparent solution
- Active content: 30%
- Solvent: Mixed diester

Product features

- DCA-8322 is suitable for medium to high polarity systems and has good compatibility with common coating resins. It exhibits excellent versatility in coating systems.
- DCA-8322 significantly improves the wetting and dispersing ability of the base material towards pigment fillers, reduces system viscosity, enhances flowability, and shortens grinding and dispersing time.
- DCA-8322 is a high-molecular-weight super dispersant with excellent anti-flocculation capability. Compared to small-molecule wetting and dispersing agents, it greatly extends the storage stability of well-ground color pastes.

Application areas

DCA-8322 is suitable for high polarity systems

- Coil coatings for various resin systems
- Two-component polyurethane systems
- Alkyd resin systems
- Amino baking varnish systems
- Chlorinated rubber systems

Similar Products: BYK-168

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.

Recommended Dosage: Inorganic pigments: 1-5% of pigment amount Titanium dioxide: 2-4% of powder amount

Packaging and storage:

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

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