

Dispersing agent DCA-8110



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Introduction

DCA-8110 is a high molecular weight, flocculation-resistant, ultra-dispersant containing acidic groups (organic phosphate esters). It not only has excellent wetting properties, but also possesses outstanding anti-sedimentation abilities. It is especially effective in reducing viscosity and dispersing inorganic pigments and fillers, such as titanium dioxide. It can be used in grinding high titanium dioxide content color pastes, while also providing strong anti-flocculation and anti-coarsening abilities, significantly increasing the storage stability of color pastes.

Physicochemical Data

- Chemical composition: High molecular weight organic phosphate ester block copolymer
- Appearance: Colorless to slightly yellow transparent liquid
- Active content: 50%
- Solvent: PMA / Xylene

Product features

- Reduces viscosity, increases filler usage, and saves dispersion time.
- Enhances gloss and color development.
- Improves storage stability and prevents pigment sedimentation.
- The affinity of the pigment group to the acidic compound ensures that it will not react with acid catalysts in the system, thus not affecting the performance of the coating.

Application areas

DCA-8110 is suitable for various medium and high polarity systems, including but not limited to the following application areas::

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

- Chlorinated rubber systems

Similar Products: BYK-110

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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