

Dispersing agent DCA-8463



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Introduction

DCA-8463 is a high molecular weight superdispersant containing multiple anchoring groups, which has excellent wetting and dispersing capabilities for various organic pigments. It has a strong viscosity-reducing ability, which can significantly reduce the operating viscosity of the grinding system, increase the usage of pigments, and produce even better results when used in combination with pigment-derived viscosity reducers. At the same time, it has a very strong ability to prevent flocculation and coarsening, which greatly improves the storage stability of the well-ground color paste.

Physicochemical Data

- Chemical composition: High molecular weight polyurethane block copolymer
- Appearance: Light yellow transparent liquid
- Active content: 60%
- Solvent: PMA / butyl acetate / xylene

Product features

- Suitable for medium polarity systems, compatible with commonly used paint resins, and has good versatility in paint systems.
- Can significantly improve the wetting and dispersing ability of the base material for pigments and fillers, significantly reduce system viscosity, enhance fluidity, shorten grinding and dispersion time, and achieve even better results when used in combination with pigment-derived viscosity reducers.
- Belongs to a high molecular weight superdispersant with excellent anti-coarsening ability. Compared to low molecular weight wetting and dispersing agents, it can greatly extend the storage stability of well-ground color paste.

Application areas

DCA-8463 is suitable for various medium polarity systems using xylene, ketones, and esters as solvents, including but not limited to the following application areas:

- Two-component polyurethane systems
- Alkyd resin systems
- Amino baking varnish systems

- Chlorinated rubber systems

Similar Products: BYK-163

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

Addition Method

Add before grinding, high-speed dispersion in a system with close viscosity

Recommended dosage: Inorganic pigments: 2-10% of the pigment amount

Organic pigments: 10-40% of the powder amount

Carbon black: 30-100% of the carbon black amount

Packaging and storage:

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

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