

Dispersing agent DCA-8428



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Introduction

DCA-8428 is a polymer-based hyperdispersant with multiple anchoring groups. It exhibits excellent wetting and dispersing ability for various organic pigments, has strong viscosity-reducing capabilities, and is particularly suitable for grinding high-pigment carbon black. It can significantly reduce the operational viscosity of the grinding system and increase pigment loading. When used in combination with pigment-derived viscosity reducers, it delivers even better results. Additionally, it has strong anti-agglomeration and anti-coarsening abilities, greatly enhancing the storage stability of the ground color paste and minimizing color floating during color adjustment.

Physicochemical Data

- Chemical composition: Polymer-based block copolymer with hydrophilic pigment group
- Appearance: Brown transparent liquid
- Active content: 100%
- Solvent: None

Product features

- DCA-8428 is suitable for medium polarity systems and exhibits good compatibility with common coating resins, making it highly versatile in coating systems.
- DCA-8428 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. It works particularly well when used in combination with pigment-derived viscosity reducers.
- DCA-8428 is a polymer-based hyperdispersant and offers excellent anti-coarsening abilities. Compared to small-molecule wetting dispersants, it greatly extends the storage stability of the ground color paste.

Application areas

Suitable for solvent-based coatings such as

- Two-component polyurethane,
- Alkyd system
- Acrylic system

- Amino baking systems

Similar Products: solsepese-28000

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

Addition Method

The dosage varies depending on the specific application system. For inorganic pigments, the recommended dosage is 10%-15%, for organic pigments, it is 30%-50% (based on the specific surface area of the pigment), and for carbon black, it is 70%-100%..

Packaging and storage:

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

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