

Dispersing agent DCA-821



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Introduction

DCA-821 is a high molecular weight dispersant containing alkaline groups, which improves pigment wetting, reduces the time required for the grinding process, and stabilizes pigment dispersion. It has a good wetting effect on inorganic fillers and carbon black with acidic surface, and can be used for dispersion and viscosity reduction of inorganic fillers and carbon black. This additive strongly reduces viscosity and improves the gloss and leveling of coatings, and has a particularly strong affinity for acidic groups on the surface of pigments.

Physicochemical Data

- Chemical composition: Polymer amide salts with hydrophilic pigment groups
- Appearance: Light yellow viscous solution
- Active content: 50%
- Solvent: mixed aromatic hydrocarbons

Product features

- Excellent dispersion ability for inorganic pigments and carbon black with acidic surfaces
- High-temperature resistance
- Improves pigment wetting
- Reduces the time required for the grinding process
- Strongly reduces viscosity and improves the gloss and leveling of coatings

Application areas

DCA-8110 is suitable for solvent systems, including but not limited to the following application areas::

- Alkyd resin systems
- Acrylic systems
- Amino baking varnish systems
- Polyurethane systems

Similar Products: BYK-AT203

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

Addition Method

The addition amount varies depending on the system used, generally 2% -4% for titanium dioxide, and for other inorganic pigments
5% -10%, for carbon black 20% -50%

Packaging and storage:

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

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