

Dispersing agent DCA-8011



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Introduction

DCA-8011 helps mix different types of pigments together smoothly in a liquid. It works well with both organic and inorganic pigments, making it useful for mixing them together without clumping. This is especially helpful when making a monochromatic color paste, as it won't float around too much when more color is added

Physicochemical Data

- Chemical composition: Modified polyamide polymer containing hydrophilic pigment groups
- Appearance: Yellow transparent solution
- Active content: 50%
- Solvent: mixed binary ester

Product features

- A wide range of versatility, suitable for various coating systems, and has good dispersion ability for various inorganic and organic pigments, making it suitable for systems where organic and inorganic pigments are co ground.
- A polymer type hyperdispersant with good dispersion stability. Compared to small molecule wetting dispersants, it has excellent ability to prevent backcoarsening and sedimentation
- DCA-8011 can be used in coatings to reduce grinding time, improve film gloss, and enhance coloring power.

Application areas

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

- Suitable for medium polarity system
- Work for both organic and inorganic pigments
- Suitable for solvent and UV systems

Similar Products: BYK-161 and BYK-161,EFKA-4010

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

Addition Method

The dosage varies according to different application systems.

For titanium dioxide, 2% – 4%,

inorganic pigment 3% – 5%,

organic pigment, 20% – 40%,

carbon black, 30% – 100%

Packaging and storage:

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

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