

Dispersing agent DCA-8339



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Introduction

DCA-8339 is a new generation block copolymer dispersant based on controlled aggregation technology. It contains multiple anchoring groups and is suitable for grinding various pigment fillers. It exhibits particularly strong dispersing ability for matting agents, significantly reducing the operational viscosity of grinding systems and increasing the filling amount. It also demonstrates excellent storage stability.

Physicochemical Data

- Chemical composition: Polymer-based block copolymer with affinity for pigments
- Appearance: Yellow transparent solution
- Active content: 50%
- Solvent: Mixed diester

Product features

- DCA-8339 is suitable for medium to high polarity systems and has good compatibility with common coating resins. It exhibits excellent versatility in coating systems.
- DCA-8339 significantly improves the wetting and dispersing ability of the base material towards matting agents, reduces system viscosity, enhances flowability, and shortens grinding and dispersing time.

Application areas

DCA-8339 is suitable for medium to high polarity systems

- UV curable system
- Dispersing UV Wood coating with matting powder

Similar Products: BYK-2009

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.

The dosage varies depending on the specific application system: for inorganic pigments, 5%-20%; for organic pigments, 30%-50%; for carbon black, 50%-100% (based on the specific surface area of the pigment).

Packaging and storage:

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

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