

Dispersing agent DCA-9320

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Introduction

DCA-9320 is a new type of macromolecular dispersant developed based on block polymerization technology. Its molecular structure contains a number of pigment loving groups. It has strong adsorption capacity for various pigments, especially carbon black. Its solvated chain segments have outstanding compatibility with various resin systems, and are widely used. In use, it has excellent performance in reducing the viscosity of color paste, improving the amount of pigment filling, and has good storage stability..

Physicochemical Data

- Chemical composition: Polymer based dispersion containing hydrophilic pigment groups
- Appearance: Yellow viscous liquid
- Active content: 100%
- Solvent: None

Product features

- Good compatibility with commonly used coating resins
- Highly versatile in coating systems
- Significantly improve the wetting and dispersion ability of the base material on pigments and fillers
- Reduce system viscosity enhance flowability, and shorten grinding and dispersion time.
- A polymer type hyperdispersant with excellent ability to prevent backcoarsening.
- Greatly extend the storage stability of ground color paste.

Application areas

DCA-9320 is suitable for various medium and high polarity systems, including but not limited to the following application areas::

- Can work for both water and solvent systems

- Dispersing for resin free color paste
- Especially suitable for grinding carbon black

Similar Products: BYK-9076

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

Addition Method

For inorganic pigments ranging from 10% to 15%,

for organic pigments ranging from 30% to 50%,

titanium dioxide ranging from 5% to 6%,

and for carbon black ranging from 50% to 100% (depending on the specific surface area of the pigment).

Packaging and storage:

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

Note: The purpose of this manual is to provide basic product information to technical personnel involved in the development of coatings, inks, pesticides, and other industries. It is intended for research and reference use and does not carry any warranties. Please conduct preliminary tests to assess its suitability.

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