

Dispersing agent DCA-8430

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Introduction

DCA-8430 is a polymer type hyperdispersant containing multiple anchoring groups. It has excellent wetting and dispersing ability for various organic pigments, strong viscosity reducing ability, and is particularly suitable for grinding high pigment carbon black. It can greatly reduce the operating viscosity of the grinding system, increase the amount of pigment used, and when used in conjunction with pigment derivative viscosity reducing agents, the effect is even better. At the same time, it has a strong ability to prevent flocculation and coarsening, It can greatly improve the storage stability of the ground color paste, and the ground monochrome color paste is not easy to float during color mixing.

Physicochemical Data

- Chemical composition: High molecular block copolymer containing hydrophilic pigment groups
- Appearance: Brown transparent liquid
- Active content: 100%
- Solvent: None

Product features

- Good compatibility with commonly used paint resins
- Significantly improve the wetting and dispersion ability of the base material to pigments and fillers
- Reduce system viscosity, enhance flowability
- Shorten grinding and dispersion time
- Excellent ability to prevent back coarsening
- Greatly extend the storage stability of ground color paste

Application areas

DCA-8430 is suitable for medium polarity systems, including but not limited to the following application areas::

- Alkyd resin systems

- Amino baking varnish systems
- Propylene ester, polyester
- Two-component polyurethane,

Similar Products: solsperse-32000

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. For inorganic pigments, it ranges from 10% to 15%, for organic pigments, it ranges from 30% to 50% (depending on the specific surface area of the pigment), and for carbon black, it ranges from 70% to 100%.

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.