

Dispersant DCA-59793

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Introduction

DCA-59793 is a block-type polyurethane dispersant with multiple anchor groups. It has strong dispersing ability for various hard-to-disperse organic pigments and is suitable for various solvent-based systems.

Physicochemical Data

- Chemical composition: High-molecular block copolymer containing pigment-affinitive groups
- Appearance: Brownish, slightly turbid solution
- Active content: 30%
- Solvent: Mixed amides

Product features

- Significantly improves wetting and dispersing ability of the base material for pigments and fillers.
- Reduces system viscosity and enhances flow properties.
- Shortens grinding and dispersion time.

Application areas

DCA-59793 suitable for medium to high polarity systems.

Addition Method

The dosage varies based on different systems:

- **Inorganic pigments:** 5%-15%
- **Organic pigments:** 30%-50%
- **Carbon black:** 50%-100% (depending on the specific surface area of the pigment)

Packaging and storage:

25KG plastic pail, 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.