

Super Dispersing Agent DCA-58794

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Introduction

DCA-58794, a versatile block-type polyurethane dispersant, DCA-58794 boasts broad applicability and strong dispersing capabilities. It is suitable for dispersing both inorganic and organic pigments and possesses excellent capabilities to prevent floating and blooming.

Physicochemical Data

- Chemical composition: Polymer-type block copolymer containing pigment-affinity groups
- Appearance: Yellow transparent solution
- Active content: 50%
- Solvent: Ethylene glycol diacetate

Product features

- **Versatile Compatibility:** DCA-58794 is compatible with mid-to-high polarity systems and pairs well with common coating resins, showing excellent versatility in coating systems.
- **Enhanced Wetting and Dispersion:** Significantly improves base material's wetting and dispersion of color fillers, reduces system viscosity, and enhances fluidity.
- **Efficiency in Grinding and Dispersing:** Helps in reducing grinding and dispersion time in various applications.
- **Broad-Spectrum Application:** Suitable for a wide range of pigments, enhancing performance in diverse coating formulations.

Application areas

DCA-58794 is ideal for mid-to-high polarity systems

Addition Method

The addition amount varies based on the system used: for inorganic pigments 5%-15%, organic pigments 30%-50%, and for carbon black 50%-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.