

Dispersant DCA-5652

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Introduction

DCA-5652 is a high molecular hyperdispersant containing multiple pigment affinity groups. It has good dispersibility and anti-setting inorganic pigments, especially suitable for the co-grinding system of organic and inorganic pigments. It has good anti-flocculation and floating ability.

Physicochemical Data

- Chemical composition: Modified polymers with pigmentophilic groups
- Appearance: Yellow transparent solution
- Active content: 50%
- Solvent: Aromatic solvent

Product features

- **Versatility:** DCA-5652 is suitable for a variety of paint systems. It has good dispersion ability for various inorganic and organic pigments, and is suitable for the system of organic and inorganic pigment co-grinding.
- **Stability:** DCA-5652 is a macromolecular hyperdispersant with good dispersion stability. Compared with small molecular wetting dispersants, it has excellent ability to prevent back thickening and sedimentation.
- **Efficiency:** DCA-5652 can reduce the grinding time and improve the gloss and coloring power of the paint film when used in the paint.

Application areas

DCA-5652 can be used in various systems and disperse various pigment systems.

Addition Method

The additive amount varies according to different use systems:

- **Titanium Dioxide:** 2%-4%
- **Inorganic Pigment:** 3%-10%

- **Organic Pigment:** 20%-40%
- **Carbon Black:** 30%-100%

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.