

# Dispersant DCA-691

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## Introduction

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DCA-691 is a high-molecular polymeric super-dispersant containing multiple pigment-affinitive groups. It offers excellent wetting properties and is exceptional in preventing sedimentation, flocculation, and color blooming. Especially suitable for dispersing various organic pigments in aqueous systems, DCA-691 can grind resin-free color pastes effectively.

## Physicochemical Data

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- Chemical composition: High-molecular block copolymer with pigment-affinitive groups
- Appearance: Light yellow viscous solution.
- Active content: 40%
- Solvent: Water

## Product features

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- **Superior Wetting:** As a polymeric super-dispersant, it surpasses small molecular wetting agents in preventing coarse particle formation.
- **Advanced Stability:** Ensures exceptional stability in pigment suspension, reducing sedimentation and flocculation.
- **Enhanced Color Quality:** Prevents color blooming, ensuring vibrant and consistent color quality in paint formulations.

## Application areas

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DCA-691 is suitable for water-based systems.

## Similar Products: BYK-193

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

## Addition Method

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Dosage varies with the system; for inorganic pigments 20%-30%, organic pigments 30%-50%, carbon black 30%-90%.

## Packaging and storage:

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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.