

# Dispersant DCA-F5121

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 [dcachem.com/portfolio/dispersant-dca-f5121](http://dcachem.com/portfolio/dispersant-dca-f5121)

## Introduction

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DCA-F5121 is a polymer-type super dispersant containing acidic groups. It not only has excellent wetting properties but also outstanding anti-settlement capabilities. It provides excellent viscosity reduction and dispersion for inorganic pigments and fillers, making it ideal for grinding color pastes with high titanium dioxide content. Additionally, it has a strong ability to prevent flocculation and coarse returns in the ground color paste, greatly enhancing its storage stability. It can also be used in SMC and BMC systems as an additive to reduce system viscosity.

## Physicochemical Data

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- Chemical composition: Block copolymer of macromolecular with acidic groups
- Appearance: Light yellow transparent liquid
- Active content: 100%
- Solvent: None

## Product features

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- DCA-F5121 is suitable for various polarity systems special for the medium and high polarity systems such as **SMC, BMC**
- The pigment affinity group of DCA-F5121 is acid compound, therefore in the coil coating, DCA-F5121 can not react with the acid catalyst

## Application areas

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DCA-F5121 is suitable for all solvent-based systems.

## Addition Method

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Usually, it should be charged before the grind stage during the produce, with **1%** to **5%** to other inorganic pigment, with **2%** to **4%** to **TiO<sub>2</sub>**.

## 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.