



DCA Chemical Technology

# DCA-829

## Overview

DCA-829 is an organic-ester compound; it has good dispersing for organic pigment, lower the system grinding viscosity, improve the flowing and gloss, save the time of grinding.

## Physical and chemical data

**Chemical component:** organic-ester compound

Appearance: yellow viscosity liquid

Active content: 100%

Solvent: none

## Properties

1. It is suitable for all kinds of solvent-based system, improve the base material wetting and dispersing ability for fillers, lower system viscosity, improve flowing, save the grinding and dispersing time
2. Anchored group is a acid compound, it won't have any reaction with acid catalyst in coil steel system that effect the coating ability
3. it is used for unsaturated polyurethane system, no bad effect for drying time

## Application fields

DCA-829 is suitable for all kinds of solvent-based system, including but not limited the below;

Alkyd/amino resin mix system

Nitro cellulose system

Amino baking coating

Polyurethane system

Epoxy coating

Vinyl coating

## Add method

Added before grinding, dispersing in viscosity close system.

## Dosage

Inorganic pigment	5-10% for pigments amount
Inorganic pigment	10-30% for powder amount
Carbon black	20-50% for carbon black amount

## Packing and storage

25KG in iron drum, store in cool and dry place.