DCA-8461

Overview

DCA-8461 is a high molecular hyper-dispersant with a number of anchor groups; excellent wetting and dispersing ability for all kinds of organic pigment, it is suitable for grinding HPP pigment as its high hydrogen bond density structure, it can be extremely lower the viscosity of the grinding system , increasing the pigment content of fillers and with strong anti flocculation ability, improving the stability storage of the color paste

Physical and chemical data

Chemical component: high molecular polyurethane block copolymer
Appearance: light yellow transparent liquid
Active content: 35%
Solvent: PMA/n-butyl acetate

Properties

1. It is suitable for low and neutral polar, good match with the common coating resin
2. It can be obviously improved the binder wetting and dispersing ability for fillers, special designed for grinded HPP pigment, lower system viscosity, improving the flowing , saving the dispersing time of grinding, it has good effect when combining with pigment derivate adhesive.

3. High molecular hyper dispersant , with excellent wetting, compared with the low molecular wetting dispersant, it has excellent anti-pig skin ability and extend the storage stability of the grinded paste

Application fields

DCA-8461 is suitable for all kinds of xylene, ketones, ester solvent neutral polar system, including but not limited the below;
Two component polyurethane system, Alkyd resin system, Acrylate resin system
Amino baking paint system

Add method

Added before grinding, dispersing in viscosity close system.

Dosage

Inorganic pigment	2-10% for pigments amount
Organic pigment	15-90% for powder amount
Carbon black	70-100% for carbon black amount

Packing and storage

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

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