



DCA Chemical Technology

DCA-261

Overview

Traditional non-reaction acrylate leveling agent, it can be lower the thickness of the paint film when molecular weight too low, but the macromolecular acrylate leveling agent is incompatible in high definition transparent system, it will easily cause haze, compared with the traditional acrylate leveling agent, the acrylate leveling agent with functional group can provide good compatibility, leveling, and also improving the water-resistance and resistance to chemicals, the reaction functional group can be involved with the cross cure of paint film and avoid the additives transport property and the pollution of the surface of the paint film. DCA-261 is containing oxirane functional group low molecular weight reaction acrylate leveling agent, it is used in solvent-based system, improving the leveling and the flowing of the coating and ink, increase the gloss of the paint film, with good compatibility, it won't cause haze and yellowing; improve the film thickness, water-resistance and corrosion resistance, it can avoid the transport property of the leveling agent and make the self-cross cure in coating system.

Physical and chemical data

Chemical component: hydroxyl functional acrylic copolymer

Appearance: transparent liquid

Active content: 50%

Solvent: xylene

Properties

1. Excellent compatibility , it won't cause haze and yellowing of clear paint system
2. Improve the film thickness, water-resistance and corrosion-resistance
3. Involve system cross cure, avoid paint film pollution

Application fields

DCA-261 is suitable for all kinds of solvent-based coating system, including but not limited the below;

Two component polyurethane

Amino baking coat

Add method

Added in any step of production

Dosage

0.1%-1.0% of total formula

Packing and storage

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