

Leveling agent DCA-122



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Introduction

DCA-122 is an aromatic alkyl modified organosilicon compound, which combines defoaming function and good compatibility of organosilicon leveling agents, focusing on leveling. It can effectively eliminate various disturbances caused by Bernard vortices that negatively affect the initial leveling of the paint film, and has a prominent effect on the surface orientation of matting powder and metallic pigments. At the same time, due to the modification of aromatic alkyl groups, its high-temperature resistance is improved, making it suitable for high-temperature systems. This product does not affect recoating.

Physicochemical Data

- Chemical composition: A solution of aromatic alkyl modified silicone oil
- Appearance: Light yellow transparent solution
- Active content: 15%
- Solvent: Xylene

Product features

- Has defoaming function, in the system with added DCA-122, less or no defoamer is needed
- Good compatibility, can be used in clear coat systems.
- Excellent matting orientation ability.
- Good leveling, resulting in a smooth paint film surface.
- Good high-temperature resistance, can be used in high-temperature systems.

Application areas

DCA-122 is suitable for various solvent-based coating systems, including but not limited to the following application areas:

- Amino baking varnishes
- Coil and tinplate coatings
- Coatings for various curtain wall constructions
- Airless spray coatings

Addition Method

It can be added at any stage of production, and adding it during the dispersion stage helps with pigment wetting. Recommended dosage: 0.1-1.0% of the total formulation, generally 0.2-0.5% of the total formulation in most cases.

Packaging and storage:

25KG iron drum, stored in a cool and dry place.

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