

Solvent-Based Leveling Agent D358NR

(Similar to BYK-358N)

First, introduction

D358NR is a new-generation polymer type leveling agent. In solvent-borne coating systems and inks it could provide good leveling and prevent shrinkage caused by the surface tension difference. In comparison with traditional leveling agents, it has following features:

1. improves leveling, prevents shrinkage and orange peel;
2. improves the gloss and brightness;
3. exhibits defoaming properties;
4. does not cause haze in pigmented systems;
5. enhances the adhesion between materials;
6. has good compatibility with most of common resins.

Second, application areas

D358NR is widely used in all kinds of ambient-curing coating systems, baking paints, solvent-borne systems and complex materials, such as following areas:

1. industrial paints and can coating systems,
2. two-component polyurethane varnishes,
3. amino baking industrial paints,
4. UV curable coating systems,
5. glass fiber wetting and avoiding the separation,
6. automotive coating systems.

Third, physical and chemical data

Appearance: Colorless transparent liquid

Chemical composition: Polyacrylate solution

Active ingredients: 65%

Solvent: butyl acetate/xylene/trimethylbenzene

Forth, introduction method

Add directly in the medium and disperse at high speed or add after dilution by solvents.

Fifth, additive amount

The recommended dosage is 0.3-1.5% upon total formulation, it depends on the system type.

Sixth, package and storage

25kg or 200 iron drums

Stored in the unopened original package, at temperature between 5-30°C, valid for one year, being reassessed when expired.