

BYK-399

Silicone-free surface additive for solvent-borne coatings to improve the leveling and for a moderate reduction in surface tension. Has a defoaming effect at higher doses.

Product Data

Composition

Polydicarboxylic acid ester

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Active substance: 100 %

Density (20 °C): 1.07 g/ml

Applications

Coatings Industry

Special Features and Benefits

The additive provides outstanding leveling properties and is suitable for all gloss levels. It has no impact on gloss and haze. It causes a slight reduction in the surface tension of the coating, thereby improving the substrate wetting properties and having a slight anti-cratering effect. BYK-399 is easily recoatable, has no foam stabilizing effect and even has defoaming properties at high doses (0.7 %). The additive is silicone-free and fluorine-free.

Recommended Use

The additive is very compatible and is recommended for all solvent-borne 1K and 2K systems as well as for baking systems.

Recommended Levels

0.05-1 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be incorporated during any stage of the production process, including post-addition.



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This issue replaces all previous versions.