

BYK-329

Silicone-containing surface additive for solvent-free and solvent-borne systems with a strong reduction in the surface tension, which has a positive effect on the leveling properties and defoaming.

Product Data

Composition

Polyether-modified polydimethylsiloxane

Typical Properties

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

Active substance: 100 %

Density (20 °C): approx. 0.97 g/ml

Flash point: > 150 °C

Storage and Transportation

To be stored and transported between 0 °C and 50 °C. Separation or turbidity may occur at temperatures below 5 °C. Warm to 20 °C and mix well.

Applications

Coatings Industry

Special Features and Benefits

The additive strongly reduces the surface tension of the coating system, which has a positive effect on the leveling properties and defoaming. Furthermore, the additive improves substrate wetting, especially in 2-pack epoxy resin systems for floor coatings.

Recommended Use

BYK-329 is suitable for solvent-free and solvent-borne 2-pack epoxy resins, PUR resins and polyaspartic coatings. It improves the leveling properties and defoaming even at low dosages.

Unlike so-called silicone oils, this additive is very user-friendly. Prior to application, a series of laboratory tests should be conducted to determine whether the foam is stabilized in the respective coating system. Similarly, recoatability and cratering should be examined.

Floor coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input checked="" type="checkbox"/>
Automotive coatings	<input type="checkbox"/>

especially recommended recommended

Recommended Levels

0.05-0.5 % 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

BYK-329 can be incorporated during any stage of the production process, including post-addition.



Additive Guide



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