

BYK-3932 P

Powdered anti-cratering and leveling additive for powder coatings with surface-protecting properties. Increases surface slip and improves scratch resistance.

Product Data

Composition

Mixture of surface-active polymers, adsorbed on silicon dioxide

Typical Properties

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

Density (20 °C):	1.23 g/ml
Active substance:	63 %
Residue after calcining:	32 %
Supplied as:	Powder

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Powder Coatings

Special Features and Benefits

BYK-3932 P is an anti-cratering and leveling additive which also leads to increased surface slip (> 40 % in comparison with the blank sample) and improved scratch resistance. In contrast to wax additives, gloss is not reduced which means it can also be used in high-gloss powder coatings.

Recommended Use

Recommended for powder coatings based on epoxides, polyester/epoxide, polyester, polyurethane and acrylate.

Recommended Levels

0.2-1 % additive (as supplied) based upon 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 is mixed with resin, hardener, pigments and other raw materials in a high-speed mixer and then extruded. Good dispersion of the additive by the extruder promotes gloss and leveling of the powder coating and prevents the formation of craters, fish eyes and seeds. We recommend combining BYK-3932 P with a standard leveling additive (e.g. in a 1:1 ratio). As a synergist the product can, however, also be used in any other ratio.

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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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