

BYK-368 P

Polyacrylate-based powdered surface additive for powder coatings. Anti-cratering and leveling additive to prevent fish eyes and other surface defects. Also for use in UV-curing powder coatings.

Product Data

Composition

Polyacrylat, adsorbed on silicon dioxide

Typical Properties

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

Acrylate content:	63 %
Density (20 °C):	1.28 g/ml
Residue after calcining:	34 %
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-368 P is an effective anti-cratering additive. It is also suitable for particularly critical powder coating systems. It reduces the orange peel effect by optimizing the leveling properties of the powder coating. Pinholes, fish eyes and other surface defects are prevented. The additive is also suitable for use in UV-curing powder coating systems.

Recommended Use

The additive is recommended for powder coatings based on epoxy, polyester, polyurethane and acrylate resins and polyester/epoxy combinations.

Recommended Levels

0.5-1.5 % additive (as supplied) based upon total formation.

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.

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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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