

# BYK-3902 P

Polyacrylate-based, powdered standard anti-cratering and leveling additive for powder coatings. Particularly suited to thin-layer powder coatings.

## Product Data

### Composition

Polyacrylate, 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): 1.27 g/ml  
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](http://www.byk.com) for further information.

## Applications

### Powder Coatings

#### Special Features and Benefits

BYK-3902 P is an innovative leveling additive for powder coatings. Its excellent dispersibility promotes gloss and leveling in powder coatings and prevent seeds, craters and fish eyes.

#### Recommended Use

Recommended for powder coatings based on epoxides, polyester/epoxide, polyester, polyurethane and acrylate. BYK-3902 P can be used in all common powder coating formulations and is particularly recommended for thin-layer powder coatings owing to its good dispersibility.

#### Recommended Levels

0.5-1.5 % 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.

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Data Sheet  
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**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735  
**info@byk.com**  
**www.byk.com/additives**

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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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