

BYK-3950 P

Wax-based powdered processing additive with pigment-affinic groups for powder coatings. It improves pigment and filler dispersion and processing, leveling and out-gassing.

Product Data

Composition

Modified wax

Typical Properties

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

Density (68 °F): 8.35 lbs/US gal

Active substance: 100 %

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.

Storage and Transportation

Temperature sensitive. To be stored and transported at a temperature below 50 °C (122 °F).

Applications

Powder Coatings

Special Features and Benefits

As a result of its pigment-affinic groups, the dispersion of solid particles is improved and higher filler and pigment contents are possible. Leveling (DOI – distinctness of image) is improved and use of this product – specifically in HAA systems – results in better out-gassing of the powder coating.

Recommended Levels

0.5-2 % 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.

Special Note

The processing additive should always be used in combination with a standard leveling additive.

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