

BYK-MAX ASC 4181

Granulated surface additive for the use in polyolefins to increase the scratch resistance.

Product data

Composition

Polyester

Typical properties

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

Active substance: 100 %

Melting range: 60–70 °C

Storage and transportation

Storage and transport at room temperature. Storage and transport at higher temperatures could cause the product to become sticky due to the low melting temperature range.

Applications

Thermoplastics

Special features and benefits

BYK-MAX ASC 4181 increases the scratch resistance of surfaces of thermoplastic molded parts based on polyolefins e.g. polypropylene (PP). Dosages as low as 0.5–1 % result in a significant improvement of the scratch resistance of thermoplastic surfaces when used in vehicle interiors for example.

Recommended levels

0.5–1 % additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive is added at the same time as the other raw materials; it is also possible to incorporate the additive later. A concentration test series will be helpful to adjust the right dosage for each formulation.



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