

# BYK-TS 3201

Surface additive for polyolefins to improve the scratch resistance of thermoplastic molded parts.

## Product Data

### Composition

Organically modified siloxane, adsorbed onto a polypropylene carrier

### Typical Properties

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

Bulk density: 280 kg/m<sup>3</sup>  
Melting point (carrier): > 160 °C  
Active substance: 66 %

### 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.

### Storage and Transportation

Storage and transport at room temperature.

## Applications

### Thermoplastics

#### Special Features and Benefits

BYK-TS 3201 increases the scratch resistance of surfaces of thermoplastic molded parts based on polyolefins e.g. polypropylene (PP). In addition it is used to enhance the surface slip of thermoplastic materials.

Dosages from 1-3 % result in a significant improvement of the scratch resistance of thermoplastic surfaces when used in vehicle interiors for example.

#### Recommended Levels

1-3 % additive (as supplied) based upon the 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 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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Data Sheet  
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Additive Guide



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