

# SCONA TPPP 2003 GB

Dispersing aid for PP filler compounds and improved tear resistance in PET. Compatibilizer for PA/PP blends.

## Product Data

### Composition

Polypropylene (copolymer) highly functionalized with maleic anhydride

### Typical Properties

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

MFR (190 °C, 2.16 kg): 3-8 g/10 min

Drying loss (3 h, 110 °C): < 0.5 %

MAH content: 0.9-1.3 %

Supplied as: Granulate

### 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 temperature max. 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water.

## Applications

### Thermoplastics

#### Special Features and Benefits

SCONA TPPP 2003 GB is a dispersing aid for PP filler compounds (ATH,  $\text{Mg}(\text{OH})_2$ ,  $\text{CaCO}_3$ ). It improves mechanical properties (stiffness, tensile strength). In PET compounds, it increases impact strength and the tear resistance of PET tapes. It is used as a compatibilizer in PA/PP blends, promotes efficient PP distribution, and therefore reduces the amount of water absorbed by PA.

#### Recommended Levels

3-10 % 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

Incorporate the product with high shear forces by means of a twin-screw extruder.



Additive Guide



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