

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, 230 °F): < 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 for further information.

Storage and Transportation

Storage temperature max. 35 °C / 95 °F, 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, $\text{Mg}(\text{OH})_2$, 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.

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Additive Guide



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