SCONA TSPP 21113 GA

Adhesion promotor to improve the mechanical properties of polypropylene filler compounds, glass fiber compounds, polypropylene natural fiber compounds and one-packs in polypropylene.

Product Data

Composition
Polypropylene functionalized with maleic anhydride

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

MVR (170 °C, 1.2 kg):	140-220 cm³/10 min
Drying loss (3 h, 110 °C):	< 0.5 %
MAH content:	≥ 1.0 % by weight
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
To be stored and transported at a temperature below 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water.

Applications

Thermoplastics

Special Features and Benefits
SCONA TSPP 21113 GA is a highly effective adhesion promotor for polypropylene compounds with short and long glass fibers and fillers (ATH, $Mg(OH)_2$, $CaCO_3$) and polypropylene natural fiber compounds – even at a low dosage. SCONA TSPP 21113 GA improves the mechanical properties of these compounds, especially in polypropylene natural fiber compounds. Here it also reduces water absorption. In its supplied form (granulate), the modifier is well suited to producing one-packs and masterbatches.

Recommended Levels
0.5-2 % additive (as supplied) based on the total formulation, depending on the fiber/filler content.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
Extensive wetting of the fibres/fillers is required for a sufficient effect during compounding. For this reason, the product must be added to the main feed.

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Data Sheet
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Additive Guide

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