SCONA TPPP 9212 FA

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

Product Data

Composition
Polypropylene functionalized with maleic acid anhydride (MAH)

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

MFR (190 °C, 2.16 kg):	70-140 g/10 min
Drying loss (3 h, 110 °C):	< 0,5 %
MAH content:	≥ 1,8 %
Supplied as:	Powder

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.

Special Note
The modifier is also available as a granulate under the name SCONA TPPP 9212 GA.

Applications

Thermoplastics

Special Features and Benefits
SCONA TPPP 9212 FA is a highly effective adhesion modifier 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 TPPP 9212 FA improves the mechanical properties of these compounds, especially in polypropylene natural fiber compounds. Here it also reduces water absorption. In its supplied form (powder), the modifier is highly 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

Good wetting of the fibers/fillers is required for effective compounding. For this reason, the product must be added to the main feed.

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