

SCONA TPPP 9112 FA

Coupling agent for polypropylene filler compounds, glass 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.

MFR (190 °C, 2.16 kg): 70-120 g/10 min

Drying loss (3 h, 110 °C): < 0.5 %

MAH content: > 1.0 %

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

Storage temperature max. 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 9112 GA.

Applications

Thermoplastics

Special Features and Benefits

SCONA TPPP 9112 FA is a highly effective coupling agent for PP compounds with short glass fibers and fillers (ATH, $\text{Mg}(\text{OH})_2$, CaCO_3), even at low doses. It improves the mechanical properties and does not lead to discoloration in the compound. The modifier in its supplied form (powder) is ideally suited to the production of one-packs and masterbatches.

Recommended Levels

0.5-2 % additive (as supplied) based upon total formulation, depending on the glass 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 a prerequisite for effective compounding. For this reason, it is of vital importance that the product is added in the main catch.



Additive Guide



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