SCONA TSPP 10213 GB

Adhesion promoter to improve the mechanical properties of polypropylene (PP) filler, PP glass fiber, PP carbon fiber, and PP natural fiber compounds as well as one-packs in polypropylene.

Product Data

Composition
Polypropylene (random copolymer) functionalized with maleic acid anhydride (MAH)

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

MVR of the carrier (170 °C, 1.2 kg):	40-100 cm³/10 min
Drying loss (3 h, 110 °C):	< 0.91 %
MAH content:	> 1.8 %

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.

Applications

Thermoplastics

Special Features and Benefits
SCONA TSPP 10213 GB is a highly effective adhesion promoter for polypropylene compounds with short and long glass fibers, carbon fibers, and fillers (ATH, $Mg(OH)_2$, $CaCO_3$) and polypropylene natural fiber compounds – even at a low dosage.

SCONA TSPP 10213 GB improves the mechanical properties of these compounds, especially in polypropylene natural fiber compounds. Here it also reduces water absorption.

Recommended Use
In its supplied form (granulate), 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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Additive Guide

BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com