

# 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 cm<sup>3</sup>/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](http://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)<sub>2</sub>, CaCO<sub>3</sub>) 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.



Additive Guide



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