

# SCONA TSPE 2102 GAHD

Coupling agent for polyethylene fiber compounds and compatibilizer for PA/PE blends.

## Product Data

### Composition

HDPE highly functionalized with maleic anhydride

### Typical Properties

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

MVR (190 °C, 2.16 kg): 1-4 cm<sup>3</sup>/10 min

Drying loss (3 h, 230 °F): < 0.5 %

MAH content: > 1.5 %

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](http://www.byk.com) for further information.

### Storage and Transportation

Storage temperature max. 35 °C / 95 °F, relative humidity < 80 %. Avoid direct sunlight and contact with water.

## Applications

### Thermoplastics

#### Special Features and Benefits

Coupling agent for polyethylene compounds with glass fibers as well as wood and other natural fibers.

The product improves mechanical properties (stiffness, flexural strength, impact strength) and reduces water absorption. It leads to excellent homogeneity in PA/PE blends. Good flow properties, highly effective due to very high maleic anhydride content.

#### Recommended Levels

1-4 % additive (as supplied) based upon total formulation, depending on the fiber content.

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

#### Incorporation and Processing Instructions

It is of vital importance that the product is added in the main catch of the compounding equipment.

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Data Sheet  
Issue 06/2013



Additive Guide



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This issue replaces all previous versions – Printed in the USA