

SCONA TSIN 4013 GC

Modifier to improve the impact strength of polyamides and an adhesion promoter in TPE compounds.

Product Data

Composition

Polyolefin block copolymer functionalized with maleic acid anhydride

Typical Properties

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

MVR (190 °C, 5 kg): 2-5 cm³/10 min
Drying loss (3h, 110 °C): < 0.5 %
MAH content: > 0.5 %
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 for further information.

Storage and Transportation

To be stored and transported at a temperature below 40 °C. Protect from moisture. Store the tightly sealed containers in a dry, cool, and well-ventilated location.

Special Note

Slight discoloration of the product may occur, however this will not impact its effectiveness.

Applications

Thermoplastics

Special Features and Benefits

SCONA TSIN 4013 GC is a modifier based on a polyolefin block copolymer functionalized with maleic acid anhydride. It improves the impact strength of polyamides and is stable at processing temperatures of up to 300 °C. In TPE compounds SCONA TSIN 4013 GC acts as an adhesion promoter.

Recommended Levels

5-20 % additive (as supplied) based upon the total formulation.

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

Incorporation and Processing Instructions

Incorporation at high shear via a double screw extruder.

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Data Sheet
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Additive Guide



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