

# SCONA TSPOE 3013 GBLL

Impact modifier for polyamide compositions to provide superior flowability and high impact strength. Compatibilizer for blends of polyolefins with polar polymers to improve mechanical and optical properties.

## Product data

### Composition

Chemically modified polyolefin elastomer

### Typical properties

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

Grafting functionality: Maleic anhydride  
 Grafting level: 0.6 %  
 MFR (190 °C, 2.16 kg): 1.2 g/10 min  
 Color: Off-white  
 Delivery form: Pellet

### Storage and transportation

Store in sealed containers in a cool, dry and well-ventilated location. To be stored and transported at temperatures below 25 °C.

## Applications

### Thermoplastics

#### Special features and benefits

SCONA TSPOE 3013 GBLL is an impact modifier based on a maleic anhydride modified polyolefin elastomer. The additive improves the notched and unnotched impact strength of polyamides (e.g. polyamide 6, polyamide 6.6). Additionally, it significantly increases the low-temperature impact strength and provides superior flowability in the final composition. Furthermore, SCONA TSPOE 3013 GBLL can be used as a compatibilizer for blends of polyolefins (e.g. LLDPE) and polar polymers (e.g. PA 6), resulting in improved compatibility and consequently optimized mechanical and optical properties.

#### Recommended use

Impact modifier	■
Compatibilizer	■

■ especially recommended    □ recommended

**Recommended levels**

Impact modifier: 5–20 % additive (as supplied) based on the total formulation.

Compatibilizer: 5–30 % additive (as supplied) based on the polyolefinic phase.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

**Incorporation and processing instructions**

Incorporate the product with high shear forces by means of a twin-screw extruder to ensure a proper dispersion in the matrix.

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This issue replaces all previous versions.