SCONA TSPPR 30113 GB

Compatibilizer and coupling agent for polypropylene and polypropylene elastomers to improve the mechanical properties and adhesion performance of highly polar materials such as metals, wood, natural fibers, fabrics, and mineral fillers.

Product Data

Composition
Polypropylene elastomer functionalized with maleic acid anhydride

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

Grafting functionalization:	Maleic acid anhydride
Degree of grafting:	1.2 %
MVR (170 °C, 1.2 kg):	50 cm³/10 min
Drying loss (3h, 110 °C):	< 0.5 %
Supplied as:	Granulate
Color:	Pale yellow

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

Applications

Thermoplastics

Special Features and Benefits
SCONA TSPPR 30113 GB is a polypropylene elastomer grafted with maleic acid anhydride that makes it possible to achieve a significant improvement in the mechanical properties and/or adhesion performance. The grafting increases the polarity of the plastic, thereby promoting adhesion to highly polar materials such as metals, wood, natural fibers, fabrics, and mineral fillers. It can also act as a compatibilizer, dispersing agent, and coupling agent for polypropylene-elastomer composites and multi-layer systems. Other typical applications include calendered and extruded multi-layer films and profiles.

Recommended Levels
0.5-5 % additive (as supplied) based on 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
Good wetting of the fibers/fillers is required for effective compounding. For this reason, it is preferable to add the product via the main feed.

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