

SCONA TSPOE 1002 CMB 1-2

Impact strength modifier for polyamide and PET.

Product Data

Composition

Ethylene octen copolymer functionalized with maleic anhydride

Typical Properties

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

MFR (190 °C, 21.6 kg): 6-20 g/10 min
Drying loss (3 h, 230 °F): < 0.5 %
MAH content: 0.55 %
Supplied as: Translucent 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

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

Applications

Thermoplastics

Special Features and Benefits

SCONA TSPOE 1002 CMB 1-2 is a high impact strength modifier for polyamide 6, polyamide 6.6, and polyamide 12 as well as polyethylene terephthalate (PET). In polyamides, it significantly increases low temperature impact strength, and for PET, it improves notch impact strength and tear resistance. Its low yellowness index makes the product suitable for lighter compounds as well.

Recommended Levels

3-15 % additive (as supplied) based upon total formulation for polyamide. 6-18 % additive (as supplied) based upon total formulation for PET. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

Incorporate the product with high shear forces by means of a twin-screw extruder.

BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com/additives

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYPK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera.

SCONA® is a registered trademark of BYK Kometra.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.

This issue replaces all previous versions – Printed in the USA