

SCONA TPKD 5103 PCS

Adhesion promoter for TPE-S overmolding compounds.

Product Data

Composition

High molecular weight SEEPS functionalized with maleic anhydride

Typical Properties

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

MVR (320 °C, 21.6 kg): 10 cm³/10 min

Drying loss (3 h, 110 °C): < 0.5 %

MAH content: 1.3 %

Supplied as: Powder, unstabilized

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, relative humidity < 80 %. Avoid direct sunlight and contact with water.

Applications

Thermoplastics

Special Features and Benefits

The modifier improves adhesion on hard substrates (e.g. PC, PA, ABS) and reduces the compression set. Also suitable for higher temperatures.

Recommended Levels

Replace approx. 50 % of SEEPS or SEBS with the modifier. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

When producing TPE adhesion formulations, the slower white oil absorption of the modifier must be taken into account.