

SCONA TPKD 8102 PCC

Impact strength modifier for polyamide and adhesion promoter for hard/soft composites.

Product Data

Composition

Carboxylated SEBS functionalized with maleic anhydride (30 % styrene content)

Typical Properties

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

MVR (230 °C, 5 kg): 1-8 cm³/10 min
Drying loss (3h, 110 °C): < 0.5 %
MAH content: > 1.0 %
Supplied as: Pale yellow colored powder

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 < 40 °C. Protect from moisture. Store the tightly sealed containers in a dry, cool, and well-ventilated location.

Applications

Thermoplastics

Special Features and Benefits

SCONA TPKD 8102 PCC is used as an impact strength modifier in PA and as an adhesion promoter for hard/soft composites with polyamide as the hard component.

Recommended Levels

5-20 % additive (as supplied) as a PA impact strength modifier.

It can be diluted with unmodified SEBS at a ratio of 1:1 to 1:2. When used in hard/soft composites, part of the SEBS or SEEPS must be replaced by 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

It can also be used in TPE recipes without mineral white oil. When using white oil, note that the absorption of mineral white oil takes considerably longer than that of non-grafted SEBS or SEEPS.

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Additive Guide



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