Data Sheet Issue 09/2012

SCONA TPEV 1110 PB

Modifier for increased melt viscosity and impact strength in polyamides.

Product Data

Composition

Ethylene vinyl acetate copolymer functionalized with acrylic acid

Typical Properties

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

MFR (190 °C, 21.6 kg): < 15 g/10 minDrying loss (3 h, 110 °C): < 0.5 %Acrylic acid content: > 2 % Supplied as: 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 temperature max. 35 °C, relative humidity < 80 %. Avoid direct sunlight and contact with water.

Applications

Thermoplastics

Special Features and Benefits

This product increases the melt viscosity and impact strength of polyamides.

Recommended Levels

Additive (as supplied) based upon total formulation. To regulate the viscosity in polyamide and polyamide/glass fiber extrusion formulations: 3-5 %. To modify the impact strength of polyamide for the extrusion field: 5-15 %. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

Good dispersion on a twin-screw extruder is a prerequisite for a high level of effectiveness. It is of vital importance that the product is added in the main catch.

BYK-Chemie GmbH 46462 Wesel Germany Tel +49 281 670-0 Fax +49 281 65735

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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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info@byk.com www.byk.com/additives