

# 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 min

Drying 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](http://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.