



**Product Data Sheet and  
General Processing Conditions**

**RTP 2600 PE90025557  
Polyolefinic Block Copolymer Based TPE  
(TEO)  
Electrically Conductive  
Profile Extrusion  
Blow Molding**

This compound is developed for the use in highly flexible plastic tubes and offers very high flexural fatigue strength and high elongation at break.

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

<b>PERMANENCE</b>		<b>STANDARD</b>
Density	1.04 g/cm <sup>3</sup>	DIN 53479
Bulk Density	0.65 g/cm <sup>3</sup>	ISO 60
Melt Flow Rate @ 190 °C/ 5.0 kg	0.7 g/10 min	ISO 1133
<b>MECHANICAL</b>		
Tensile Strain Yield, 10 mm/min	>600 %	ISO 527-2/1A
<b>ELECTRICAL</b>		
Surface Resistance (23 °C, 50% RH) Flat film, 300 µm	10 <sup>1</sup> -10 <sup>2</sup> ohm	IEC 93

**DATA NOTES**

Data herein is typical and not to be construed as specifications.  
Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

**GENERAL PROCESSING GUIDELINES**

Melt Temperature	175-185 °C
Die Temperature	190 °C
Drying	4-6 hr @ 60 °C

**PROCESSING NOTES**

None.

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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