



**Product Data Sheet and
General Processing Conditions**

**RTP 2800 GE90025003
Thermoplastic Polyolefin Elastomer
(TEO)
Electrically Conductive
Profile Extrusion
Injection Molding**

This compound is especially suitable for flexible injection molding and profile extrusion applications.

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
MECHANICAL		
Tensile Strain		
At Break, 10mm/min	180 %	ISO 527-2/1A
Shore Hardness	85 A	DIN 53505
ELECTRICAL		
Surface Resistance (23 °C, 50% RH)		
Flat film, 300 µm	10 ¹ -10 ² 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	190 °C
Die Temperature	185-205 °C
Drying	4 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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