



(+) 18816996168
Ponciplastics.com

**Product Data Sheet &
General Processing Conditions**

**RTP 1503-72D
Polyether-Ester Block Copolymer (TEEE/COPE)
Glass Fiber**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Primary Additive	20 %	20 %	
Specific Gravity	1.40	1.40	D 792
Molding Shrinkage 1/8 in (3.2 mm) section	0.0035 - 0.0045 in/in	0.35 - 0.45 %	D 955

MECHANICAL

Impact Strength, Izod notched 1/8 in (3.2 mm) section	2.6 ft-lbs/in	139 J/m	D 256
unnotched 1/8 in (3.2 mm) section	15.9 ft-lbs/in	849 J/m	D 4812
Tensile Strength	8350 psi	58 MPa	D 638
Tensile Elongation	7.3 %	7.3 %	D 638
Tensile Modulus	0.48 x 10 ⁶ psi	3310 MPa	D 638
Flexural Strength	11000 psi	76 MPa	D 790
Flexural Modulus	0.37 x 10 ⁶ psi	2551 MPa	D 790

PROPERTY 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 FOR INJECTION MOLDING

	English	SI Metric
Injection Pressure	10000 - 15000 psi	69 - 103 MPa
Melt Temperature	425 - 475 °F	218 - 246 °C
Mold Temperature	70 - 100 °F	21 - 38 °C
Drying	2 - 4 hrs @ 225 °F	2 - 4 hrs @ 107 °C
Moisture Content	< 0.10 %	< 0.10 %

PROCESSING NOTES

Desiccant Type Dryer Required.