

RTP 1507-40D

TPC-GF40

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0013	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1310	MPa	ASTM D 638
Tensile Strength	30.7	MPa	ASTM D 638
Flexural Modulus	1172	MPa	ASTM D 790
Flexural Strength	32.8	MPa	ASTM D 790
Shore D Hardness	57	-	ASTM D 2240
Izod Impact notched, 1/8 in	411	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1470	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	104	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	210 - 238	°C	-
Mold temperature	21.1 - 37.8	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific