

RTP 1503-55D

TPC-GF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0021	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2275	MPa	ASTM D 638
Tensile Strength	43.1	MPa	ASTM D 638
Flexural Modulus	1655	MPa	ASTM D 790
Flexural Strength	50	MPa	ASTM D 790
Shore D Hardness	65	-	ASTM D 2240
Izod Impact notched, 1/8 in	342	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1350	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