

**RTP 1503-55D HS**

TPC-GF20

RTP Company

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>1999</b>	MPa	ASTM D 638
Tensile Strength	<b>43.1</b>	MPa	ASTM D 638
Flexural Modulus	<b>1655</b>	MPa	ASTM D 790
Flexural Strength	<b>51</b>	MPa	ASTM D 790
Shore D Hardness	<b>66</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>342</b>	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat