

**RTP 1500-55D TFE 10**

(TPC+PTFE)

RTP Company

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0175</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>34.5</b>	MPa	ASTM D 638
Flexural Modulus	<b>689.5</b>	MPa	ASTM D 790
Shore D Hardness	<b>55</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>N</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.59</b>	mm	-
DTUL @ 264 psi	<b>48.9</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>1E15</b>	Ohm	ASTM D 257
Volume Resistivity	<b>1E10</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1260</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>93.3</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>210 - 238</b>	°C	-
Mold temperature	<b>21.1 - 48.9</b>	°C	-
Injection pressure	<b>68.9 - 103</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Additives**

Lubricants