

**RTP 1203 T-70A**

TPU-GF

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>0.002</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>137.9</b>	MPa	ASTM D 638
Tensile Strength	<b>22.8</b>	MPa	ASTM D 638
Flexural Modulus	<b>137.9</b>	MPa	ASTM D 790
Flexural Strength	<b>5.52</b>	MPa	ASTM D 790
Shore A Hardness	<b>70</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>214</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.59</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.4</b>	%	ASTM D 570
Density	<b>1180</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific