

**RTP 1200 S-65D**

TPU

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.011</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Flexural Modulus	<b>255.1</b>	MPa	ASTM D 790
Modulus at 100% Elongation	<b>20</b>	MPa	ASTM D 412
Shore D Hardness	<b>65</b>	-	ASTM D 2240
Tear Strength	<b>263</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>30</b>	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	<b>1220</b>	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	<b>0.02</b>	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>107</b>	°C	-
Pre-drying - Time	<b>6</b>	h	-
Melt temperature	<b>210 - 221</b>	°C	-
Mold temperature	<b>26.7 - 60</b>	°C	-
Injection pressure	<b>41.4 - 103</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific