

**RTP 1200 T-80A**

TPU

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	5.52	MPa	ASTM D 412
Shore A Hardness	82	-	ASTM D 2240
Tear Strength	96.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	30	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1130	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	0.02	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	6	h	-
Melt temperature	182 - 216	°C	-
Mold temperature	15.6 - 32.2	°C	-
Injection pressure	27.6 - 55.2	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific