

RTP 1200 S-60D

TPU

RTP Company

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

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	20.1	MPa	ASTM D 412
Shore D Hardness	62	-	ASTM D 2240
Tear Strength	188	kN/m	ASTM D 624
Tensile Strength	31.7	MPa	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	6	h	-
Melt temperature	210 - 227	°C	-
Mold temperature	26.7 - 60	°C	-
Injection pressure	41.4 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific