

RTP 1201 S-65D

TPU-GF10

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	965.3	MPa	ASTM D 638
Tensile Strength	42.4	MPa	ASTM D 638
Flexural Modulus	896.3	MPa	ASTM D 790
Flexural Strength	27.6	MPa	ASTM D 790
Shore D Hardness	70	-	ASTM D 2240
Izod Impact notched, 1/8 in	534	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ASTM D 792
Moisture Content	0.01	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	6	h	-
Melt temperature	185 - 218	°C	-
Mold temperature	15.6 - 60	°C	-
Injection pressure	48.3 - 96.5	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific