

RTP 800 TFE 20

(POM+PTFE)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0225	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2413	MPa	ASTM D 638
Tensile Strength	44.8	MPa	ASTM D 638
Flexural Modulus	2068	MPa	ASTM D 790
Flexural Strength	65.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	104	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dissipation Factor, 1 MHz	0.0004	-	ASTM D 150
Dielectric Constant, 1 MHz	3.25	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1520	kg/m ³	ASTM D 792
Moisture Content	0.15	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	2	h	-
Melt temperature	182 - 218	°C	-
Mold temperature	79.4 - 107	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants