

RTP 2503 TFE 10
(PC+ABS+PTFE)-GF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6895	MPa	ASTM D 638
Tensile Strength	89.6	MPa	ASTM D 638
Flexural Modulus	6550	MPa	ASTM D 790
Flexural Strength	145	MPa	ASTM D 790
Izod Impact notched, 1/8 in	101	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	135	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1370	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	93.3	°C	-
Pre-drying - Time	4	h	-
Melt temperature	243 - 274	°C	-
Mold temperature	51.7 - 93.3	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific