

RTP 1199 X 117594 A

PET-GF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	9446	MPa	ASTM D 638
Tensile Strength	78.6	MPa	ASTM D 638
Flexural Modulus	8618	MPa	ASTM D 790
Flexural Strength	120	MPa	ASTM D 790
Izod Impact notched, 1/8 in	74.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.794	mm	-

Other properties	Value	Unit	Test Standard
Density	1490	kg/m ³	ASTM D 792
Moisture Content	0.01	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Mold temperature	135 - 149	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant