

RTP 2299 X 120337

PEEK-CF

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	36540	MPa	ASTM D 638
Tensile Strength	269	MPa	ASTM D 638
Flexural Modulus	34470	MPa	ASTM D 790
Flexural Strength	407	MPa	ASTM D 790
Izod Impact notched, 1/8 in	96.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	316	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	1000000	Ohm*cm	ASTM D 257
Other properties			
Density	1470	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	3	h	-
Melt temperature	360 - 399	°C	-
Mold temperature	163 - 218	°C	-
Injection pressure	82.7 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific