

RTP 4300 S-1020 Z

(PSU+PC)-GF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	5516	MPa	ASTM D 638
Tensile Strength	96.5	MPa	ASTM D 638
Flexural Modulus	4826	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	163	°C	ASTM D 648
Other properties			
Density	1350	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Melt temperature	282 - 327	°C	-
Mold temperature	65.6 - 98.9	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR