

RTP 699 X 85843

ABS-GF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	5516	MPa	ASTM D 638
Tensile Strength	62.1	MPa	ASTM D 638
Flexural Modulus	4826	MPa	ASTM D 790
Flexural Strength	96.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	93.3	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Volume Resistivity	1E11	Ohm*cm	ASTM D 257
Other properties			
Density	1200	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	2	h	-
Melt temperature	204 - 238	°C	-
Mold temperature	62.8 - 85	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Anti-static