

RTP 302

PC-GF15

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4826	MPa	ASTM D 638
Tensile Strength	93.1	MPa	ASTM D 638
Flexural Modulus	4482	MPa	ASTM D 790
Flexural Strength	141	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	138	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1290	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Melt temperature	288 - 316	°C	-
Mold temperature	82.2 - 121	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific