

RTP 299 M X 122533

(PA1010+PTFE)-CF30

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	17240	MPa	ASTM D 638
Tensile Strength	165	MPa	ASTM D 638
Flexural Modulus	14480	MPa	ASTM D 790
Flexural Strength	262	MPa	ASTM D 790
Izod Impact notched, 1/8 in	133	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	182	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257
Volume Resistivity	1000	Ohm*cm	ASTM D 257
Other properties			
Density	1250	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Melt temperature	249 - 288	°C	-
Mold temperature	32.2 - 93.3	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific