

RTP 156 LF

PP

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.65	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0145	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Modulus	1379	MPa	ASTM D 638
Tensile Strength	17.2	MPa	ASTM D 638
Flexural Modulus	1310	MPa	ASTM D 790
Flexural Strength	27.6	MPa	ASTM D 790
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	60	°C	ASTM D 648
Electrical properties			
ASTM Data	Value	Unit	Test Standard
Dielectric Strength, Short Time	19.7	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.03	%	ASTM D 570
Density	1260	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2	h	-
Melt temperature	191 - 232	°C	-

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant