

RTP 150 LF

PP

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1655	MPa	ASTM D 638
Tensile Strength	22.8	MPa	ASTM D 638
Flexural Modulus	1379	MPa	ASTM D 790
Flexural Strength	37.9	MPa	ASTM D 790
Izod Impact notched, 1/8 in	64.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 66 psi	113	°C	ASTM D 648
DTUL @ 264 psi	65.6	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	19.7	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.002	-	ASTM D 150
Dielectric Constant, 1 MHz	2.7	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.03	%	ASTM D 570
Density	1240	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