

RTP 2500 FR-3010

(PC+ABS)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	240	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2689	MPa	ASTM D 638
Tensile Strength	58.6	MPa	ASTM D 638
Flexural Modulus	2896	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	694	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	96.1	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	29.5	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1200	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	93.3	°C	-
Pre-drying - Time	4	h	-
Melt temperature	243 - 274	°C	-
Mold temperature	51.7 - 93.3	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant