

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	55.9	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	2943	MPa	ASTM D 790
Flexural Strength	83.4	MPa	ASTM D 790
Izod Impact notched, 1/8 in	56.6	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	110	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	175	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	26	kV/mm	ASTM D 149
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	1400	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	240 - 250	°C	-
Mold temperature	60 - 90	°C	-
Zone 1	225 - 235	°C	-
Zone 2	230 - 245	°C	-
Zone 3	240 - 250	°C	-
Nozzle temperature	240 - 250	°C	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Flame retardant, High impact or impact modified

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America