

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	77.5	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4414	MPa	ASTM D 790
Flexural Strength	128	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	175	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	250	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	21	kV/mm	ASTM D 149
Volume Resistivity	1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1330	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	245 - 255	°C	-
Mold temperature	60 - 90	°C	-
Zone 1	225 - 235	°C	-
Zone 2	230 - 245	°C	-
Zone 3	245 - 255	°C	-
Nozzle temperature	245 - 255	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

Electrical and Electronical

Regional Availability

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