

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	3447	MPa	ASTM D 638
Tensile Strength	58.6	MPa	ASTM D 638
Flexural Modulus	3447	MPa	ASTM D 790
Flexural Strength	96.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-
Electrical properties			
ASTM Data			
Surface Resistivity	9.99E11	Ohm	ASTM D 257
Volume Resistivity	9.99E10	Ohm*cm	ASTM D 257
Other properties			
Density	1380	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Melt temperature	221 - 243	°C	-
Mold temperature	65.6 - 121	°C	-
Injection pressure	41.4 - 68.9	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Anti-static, Flame retardant