

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	11500	MPa	ASTM D 638
Tensile Strength	185	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	10500	MPa	ASTM D 790
Flexural Strength	280	MPa	ASTM D 790
Rockwell Hardness	M 105	-	ASTM D 785
Shore D Hardness	90	-	ASTM D 2240
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	610	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	360	°C	ASTM D 648
Melting Temperature	372	°C	ASTM D 3418
Glass Transition Temperature	152	°C	ASTM E 1356
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	14	kV/mm	ASTM D 149
Surface Resistivity	>1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Arc Resistance	160	s	ASTM D 495
Other properties			
Density	1500	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Granules

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa