

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	37900	MPa	ASTM D 638
Tensile Strength	220	MPa	ASTM D 638
Tensile Strength at Break	177	MPa	ASTM D 638
Elongation at Break	0.7	%	ASTM D 638
Flexural Modulus	28000	MPa	ASTM D 790
Flexural Strength	360	MPa	ASTM D 790
Izod Impact notched, 1/8 in	90	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	240	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257
Other properties			
Density	1520	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	65 - 85	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant

Chemical Resistance

General Chemical Resistance

Applications

Aircraft and Aerospace, Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

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