

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.02	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	26800	MPa	ASTM D 638
Tensile Strength at Yield	159	MPa	ASTM D 638
Tensile Strength at Break	159	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Modulus	20700	MPa	ASTM D 790
Flexural Strength	248	MPa	ASTM D 790
Izod Impact notched, 1/4 in	59	J/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	110	E-6/K	ASTM D 696
DTUL @ 66 psi	278	°C	ASTM D 648
DTUL @ 264 psi	227	°C	ASTM D 648
Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Volume Resistivity	100000	Ohm*cm	ASTM D 257
Other properties	Value	Unit	Test Standard
Density	1520	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	2	h	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Additives

Lubricants

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Automotive, IT / Business Machine

Regional Availability

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