

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00175	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	3960	MPa	ASTM D 638
Tensile Strength at Yield	102	MPa	ASTM D 638
Elongation at Break	3.25	%	ASTM D 638
Flexural Modulus	7580	MPa	ASTM D 790
Flexural Strength	141	MPa	ASTM D 790
Izod Impact notched, 1/4 in	76	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	85	°C	ASTM D 648
DTUL @ 264 psi	75	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	50000	Ohm	ASTM D 257
Volume Resistivity	50000	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1110	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2	h	-
Melt temperature	221 - 249	°C	-
Mold temperature	65 - 85	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity

Features

EMI Attenuation/Shielding

Applications

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

Regional Availability

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