

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	4830	MPa	ASTM D 638
Tensile Strength at Yield	65.5	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	4690	MPa	ASTM D 790
Flexural Strength	82.7	MPa	ASTM D 790
Izod Impact notched, 1/4 in	43	J/m	ASTM D 256
Electrical properties			
ASTM Data			
Surface Resistivity	1E7	Ohm	ASTM D 257
Volume Resistivity	1000000	Ohm*cm	ASTM D 257
Other properties			
Density	1300	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	76.7	°C	-
Pre-drying - Time	2	h	-
Melt temperature	221 - 249	°C	-
Mold temperature	26.7 - 54.4	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity, Anti-static, Flame retardant, U.V. stabilized or stable to weather

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