

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.015	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	193	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	11700	MPa	ASTM D 790
Flexural Strength	290	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	250	°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			
Water Absorption, Equilibrium	0.6	%	ASTM D 570
Density	1220	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	282 - 299	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Increased electrical conductivity

Chemical Resistance

General Chemical Resistance

Applications

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

Regional Availability

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