

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2760	MPa	ASTM D 638
Tensile Strength at Yield	63.8	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	2410	MPa	ASTM D 790
Flexural Strength	96.3	MPa	ASTM D 790
Izod Impact notched, 1/4 in	45	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	123	°C	ASTM D 648
DTUL @ 264 psi	112	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	300 - 320	°C	-
Mold temperature	90 - 110	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity

Applications

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

Regional Availability

Asia Pacific