

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00125	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.018	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	12800	MPa	ASTM D 638
Tensile Strength at Break	172	MPa	ASTM D 638
Elongation at Break	2.2	%	ASTM D 638
Flexural Modulus	11900	MPa	ASTM D 790
Flexural Strength	231	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	261	°C	ASTM D 648
DTUL @ 264 psi	250	°C	ASTM D 648
Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257
Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	288 - 304	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

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

Regional Availability

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