

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00125	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	11000	MPa	ISO 527
Stress at break	155	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	10300	MPa	ISO 178
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
ASTM Data			
Flexural Strength	231	MPa	ASTM D 790
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	261	°C	ISO 75-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257
Other properties			
Density	1160	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	288 - 304	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity, High impact or impact modified, 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