

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	8270	MPa	ASTM D 638
Tensile Strength at Yield	27.2	MPa	ASTM D 638
Elongation at Break	1.8	%	ASTM D 638
Flexural Modulus	5520	MPa	ASTM D 790
Flexural Strength	48.3	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	370	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	138	°C	ASTM D 648
DTUL @ 264 psi	87.8	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1000	Ohm	ASTM D 257
Volume Resistivity	1000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	11000	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 288	°C	-
Mold temperature	82.2 - 149	°C	-

Characteristics

Processing
Injection Molding

Delivery form
Pellets, Natural Color

Special Characteristics
High impact or impact modified

Chemical Resistance
Radiation Resistance

Applications
Medical, Sports Equipment

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