

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5000	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Charpy impact strength, +23°C	15	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	8000	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	230 - 280	°C	-
Mold temperature	65 - 100	°C	-

Characteristics

Processing
Injection Molding

Delivery form
Pellets

Chemical Resistance
Radiation Resistance

Applications
Encapsulation, Medical

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