

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	22500	MPa	ISO 527
Stress at break	270	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	19500	MPa	ISO 178
Charpy impact strength, +23°C	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	237	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1700	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	290 - 320	°C	-
Mold temperature	140	°C	-
Back pressure	1	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

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