

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Stress at break	200	MPa	ISO 527
Strain at break	4.5	%	ISO 527
Flexural modulus, 23°C	10000	MPa	ISO 178
Flexural strength	300	MPa	ISO 178
Charpy impact strength, +23°C	115	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	120	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	18	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	145	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270	°C	-
Mold temperature	80	°C	-
Injection pressure	75	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

Europe, Asia Pacific