

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			
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Stress at break	140	MPa	ISO 527
Strain at break	3.4	%	ISO 527
Flexural modulus, 23°C	7300	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	225	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245	°C	ISO 75-1/-2
Vicat softening temperature, B	230	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Electrical properties			
ISO Data			
Volume resistivity	1000	Ohm*m	IEC 62631-3-1
Surface resistivity	10000	Ohm	IEC 62631-3-2
Other properties			
Density	1190	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	80 - 110	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive, Sports Equipment

Delivery form

Natural Color

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat