

Processing/Physical Characteristics	Value	Unit	Test Standard
Other Standards^[5]			
Molding shrinkage, parallel	0.3	%	Producer Method
Molding shrinkage, normal	0.8	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Stress at break	175	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	9100	MPa	ISO 178
Flexural strength	250	MPa	ISO 178
Charpy impact strength, +23°C	68	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	57	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	24	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	49	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	325	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	18	kV/mm	ASTM D 149
Arc Resistance	150	s	ASTM D 495
Other Standards^[5]			
Relative permittivity, 1MHz	3.2	-	IEC 60250
Dissipation factor, 1MHz	690	E-4	IEC 60250
Volume resistivity	6.7E13	Ohm*m	IEC 60093

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Other properties	Value	Unit	Test Standard
Density	1320	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	280 - 310	°C	-
Mold temperature	50 - 80	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat