

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Molding shrinkage, parallel	0.1	%	Producer Method
Molding shrinkage, normal	0.6	%	Producer Method

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	130	MPa	ISO 527
Nominal strain at break	2	%	ISO 527
Flexural modulus, 23°C	11300	MPa	ISO 178
Flexural strength	185	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	M 75	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	147	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	19	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	44	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Electric strength	22	kV/mm	IEC 60243-1
<b>ASTM Data</b>			
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
<b>Other Standards<sup>[5]</sup></b>			
Relative permittivity, 1MHz	3.45	-	IEC 60250
Dissipation factor, 1MHz	90	E-4	IEC 60250

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

Other properties	Value	Unit	Test Standard
Density	1510	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	5 - 8	h	-
Melt temperature	260 - 300	°C	-
Mold temperature	80 - 120	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Regional Availability**

North America, Europe, Asia Pacific