

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	12	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	0.6	%	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	65	MPa	ISO 527
Nominal strain at break	95	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Charpy notched impact strength, +23°C	80	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	125	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	65	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.4	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Electric strength	30	kV/mm	IEC 60243-1
<b>ASTM Data</b>			
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Arc Resistance	90	s	ASTM D 495
<b>Other Standards<sup>[S]</sup></b>			
Relative permittivity, 1MHz	2.85	-	IEC 60250
Dissipation factor, 1MHz	92	E-4	IEC 60250
Comparative tracking index	325	-	UL 746A

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Optical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Luminous transmittance	87 <sup>[1]</sup>	%	ISO 13468-1, -2
1: 3 mm			

Other properties	Value	Unit	Test Standard
Density	1200	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

**Regional Availability**

North America, Europe, Asia Pacific

**Additives**

Release agent