

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527
Yield stress	70	MPa	ISO 527
Strain at break	8	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy impact strength, +23°C	150	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	215	°C	ISO 306
Vicat softening temperature, B	200	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E12	Ohm	IEC 62631-3-2
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	1.6	%	Sim. to ISO 62
Density	1140	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	220 - 250	°C	-
Mold temperature	60 - 80	°C	-

**Characteristics**

**Processing**

Injection Molding

**Additives**

Lubricants

**Certifications**

RoHS compliant

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America