

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Stress at break	120	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	7	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	195	°C	ISO 75-1/-2
Vicat softening temperature, B	200	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1580	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Time	3	h	-
Melt temperature	240 - 260	°C	-
Mold temperature	80 - 100	°C	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Certifications**

RoHS compliant

**Applications**

Electrical and Electronical

**Regional Availability**

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