

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	9800 / 9800	MPa	ISO 527
Stress at break	150 / 135	MPa	ISO 527
Strain at break	2.8 / 2.5	%	ISO 527
Flexural modulus, 23°C	- / 10100	MPa	ISO 178
Flexural strength	- / 221	MPa	ISO 178
Charpy impact strength, +23°C	72 / 63	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 9	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	268 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	280 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.4 / *	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	0.4	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	0.8	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (3)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	800	°C	IEC 60695-2-13
GWIT - thickness tested (1)	0.4	mm	-
Glow Wire Ignition Temperature (GWIT)	800	°C	IEC 60695-2-13
GWIT - thickness tested (2)	0.8	mm	-
Glow Wire Ignition Temperature (GWIT)	800	°C	IEC 60695-2-13
GWIT - thickness tested (3)	1.6	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	600 / -	-	IEC 60112
<b>Other properties</b>			
Density	1370 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	340	°C	-
Mold temperature	130	°C	-
Injection pressure	75	MPa	-

## Characteristics

### Processing

Injection Molding

### Certifications

RoHS compliant

### Delivery form

Natural Color

### Regional Availability

Europe, Asia Pacific

**Special Characteristics**

Flame retardant, Halogen-free