

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	11500 / -	MPa	ISO 527
Stress at break	165 / -	MPa	ISO 527
Strain at break	2.4 / -	%	ISO 527
Charpy impact strength, +23°C	50 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	8 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	325 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	280 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	300 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	70 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.2 / *	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	0.75	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	1.5	mm	-
GWIT - thickness tested (1)	775	mm	-
Glow Wire Ignition Temperature (GWIT)	0.75	°C	IEC 60695-2-13
GWIT - thickness tested (2)	775	mm	-
Glow Wire Ignition Temperature (GWIT)	1.5	°C	IEC 60695-2-13
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	600 / -	-	IEC 60112
<b>Other properties</b>			
<b>dry / cond</b>			
Water absorption	0.6 / *	%	Sim. to ISO 62
Humidity absorption	0.3 / *	%	Sim. to ISO 62
Density	1480 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
<b>Value</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	330 - 350	°C	-
Mold temperature	135	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant, Halogen-free, Heat stabilized or stable to heat

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa