

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1700 / -	MPa	ISO 527
Yield stress	47 / -	MPa	ISO 527
Yield strain	4 / -	%	ISO 527
Nominal strain at break	200 / -	%	ISO 527
Flexural modulus, 23°C	1500 / -	MPa	ISO 178
Flexural strength	60 / -	MPa	ISO 178
Charpy impact strength, +23°C	- / N	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	45 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	95 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	130 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	0.75	mm	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (2)	1.5	mm	-

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1

Other properties	dry / cond	Unit	Test Standard
Humidity absorption	0.7 / *	%	Sim. to ISO 62
Density	1020 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.15	%	-
Melt temperature	220 - 260	°C	-
Mold temperature	40 - 60	°C	-

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

### Regional Availability

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