

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	8000 / -	MPa	ISO 527
Stress at break	100 / -	MPa	ISO 527
Strain at break	4.1 / -	%	ISO 527
Charpy notched impact strength, +23°C	11 / -	kJ/m <sup>2</sup>	ISO 179/1eA

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	160 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	3.0 / *	mm	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.5	mm	-

Other properties	dry / cond	Unit	Test Standard
Water absorption	1 / *	%	Sim. to ISO 62
Humidity absorption	0.4 / *	%	Sim. to ISO 62
Density	1370 / -	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

### Special Characteristics

Flame retardant, Halogen-free, High impact or impact modified

### Regional Availability

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