

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2000 / 1800	MPa	ISO 527
Yield stress	45 / 40	MPa	ISO 527
Yield strain	7 / 10	%	ISO 527
Nominal strain at break	25 / 30	%	ISO 527
Charpy impact strength, +23°C	160 / N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	140 / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 7	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4 / 4	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	- / 600	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	1.1 / *	%	Sim. to ISO 62
Humidity absorption	0.5 / *	%	Sim. to ISO 62
Density	1240 / -	kg/m ³	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

Heat stabilized or stable to heat

Features

Low Warpage

Regional Availability

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