

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	6400 / -	MPa	ISO 527
Stress at break	110 / -	MPa	ISO 527
Strain at break	7 / -	%	ISO 527
Charpy impact strength, +23°C	90 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / -	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	156 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E10 / -	Ohm*m	IEC 62631-3-1
Other properties			
Water absorption	1 / *	%	Sim. to ISO 62
Humidity absorption	0.5 / *	%	Sim. to ISO 62
Density	1210 / -	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

Regional Availability

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