

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	8500 / 6500	MPa	ISO 527
Stress at break	130 / 100	MPa	ISO 527
Strain at break	4 / 6.5	%	ISO 527
Charpy impact strength, +23°C	85 / 95	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 12	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7 / -	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210 / *	°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			
ISO Data			
Volume resistivity	100 / 100	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 10000	Ohm	IEC 62631-3-2
Comparative tracking index	550 / -	-	IEC 60112
Other properties			
Water absorption	1.4 / *	%	Sim. to ISO 62
Humidity absorption	0.6 / *	%	Sim. to ISO 62
Density	1200 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	270 - 290	°C	-
Mold temperature	80 - 90	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Regional Availability

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