

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	16300 / 15000	MPa	ISO 527
Stress at break	240 / 200	MPa	ISO 527
Strain at break	2.5 / 3	%	ISO 527
Flexural modulus, 23°C	13000 / -	MPa	ISO 178
Flexural strength	295 / -	MPa	ISO 178
Charpy impact strength, +23°C	95 / 105	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	75 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18 / -	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	14 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
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	205 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	170 / *	°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	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E11 / -	Ohm*m	IEC 62631-3-1
Comparative tracking index	450 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Humidity absorption	0.9 / *	%	Sim. to ISO 62
Density	1510 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	250 - 290	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

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