

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	16500 / 11500	MPa	ISO 527
Stress at break	225 / 155	MPa	ISO 527
Strain at break	2.5 / 5.5	%	ISO 527
Flexural strength	315 / 245	MPa	ISO 178
Charpy impact strength, +23°C	60 / 75	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	50 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 15	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	12 / 20	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB / * 1.6 / *	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	HB / * 0.8 / *	class mm	IEC 60695-11-10 -

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	10 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1000	Ohm	IEC 62631-3-2
Comparative tracking index	100 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	6.8 / *	%	Sim. to ISO 62
Humidity absorption	2.2 / *	%	Sim. to ISO 62
Density	1220 / -	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	≤0.15	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	80 - 90	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Anti-static

Features

Thermal Stability

Regional Availability

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