

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	22000 / 21000	MPa	ISO 527
Stress at break	250 / 245	MPa	ISO 527
Strain at break	2 / 2	%	ISO 527
Flexural strength	330 / 320	MPa	ISO 178
Charpy impact strength, +23°C	55 / 22	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	10 / -	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	295 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	270 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	270 / *	°C	ISO 75-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	10000 / 10000	Ohm*m	IEC 62631-3-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	4.3 / *	%	Sim. to ISO 62
Humidity absorption	0.8 / *	%	Sim. to ISO 62
Density	1260 / -	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	≤0.05	%	-
Melt temperature	310 - 340	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

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