

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9000 / 7000	MPa	ISO 527
Stress at break	100 / 75	MPa	ISO 527
Strain at break	2.9 / 3.3	%	ISO 527
Charpy impact strength, +23°C	70 / 85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 8	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	5 / *	%	Sim. to ISO 62
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	2330 / -	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	60 - 80	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Thermally Conductive

Regional Availability

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