

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14000	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	1	%	ISO 527
Flexural strength	140	MPa	ISO 178
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	280	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	10	Ohm*m	IEC 62631-3-1
Surface resistivity	1000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.02	%	-
Melt temperature	325 - 340	°C	-
Mold temperature	135 - 150	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity

Features

Tribologic Grade

Regional Availability

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