

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3800	MPa	ISO 527
Yield stress	95	MPa	ISO 527
Yield strain	4.7	%	ISO 527
Flexural strength	115	MPa	ISO 178
Izod notched impact strength, +23°C	7.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	340	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	155	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1300	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Features

Thermal Stability

Chemical Resistance

General Chemical Resistance

Regional Availability

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