

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	56	MPa	ISO 527
Strain at break	27	%	ISO 527
Flexural modulus, 23°C	590	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Shore D hardness	58	-	ISO 7619-1

Electrical properties	Value	Unit	Test Standard
Other Standards^{S1}			
Volume resistivity	0.04	Ohm*m	PRE021
Surface resistivity	20000	Ohm	IEC 61340-2-3

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	180 - 220	°C	-
Mold temperature	30 - 50	°C	-
Injection pressure	20 - 80	MPa	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	50 - 60	°C	-
Zone 1	170 - 210	°C	-
Nozzle temperature	215 - 220	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Increased electrical conductivity

Certifications

RoHS compliant

Applications

Electrical and Electronical

Regional Availability

Europe, Asia Pacific