

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	25	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Flexural strength	25	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	140	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	55	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	55	kJ/m ²	ISO 180/1A
Izod notched impact strength	15	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306
Vicat softening temperature, B	75	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	2000	Ohm*m	IEC 62631-3-1
Surface resistivity	30000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	0.5 - 2	h	-
Melt temperature	220 - 250	°C	-
Mold temperature	50 - 70	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity

Certifications

RoHS compliant

Applications

Building Construction

Regional Availability

North America, Europe, Asia Pacific, South and Central America