

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3750	MPa	ISO 527
Yield stress	80	MPa	ISO 527
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	4 -30	kJ/m ² °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	225	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-0 0.8	class mm	IEC 60695-11-10 -

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	50 - 100	°C	-
Feed temperature	60 - 80	°C	-
Holding pressure	50 - 100	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Natural Color

Regional Availability

Europe