

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	56	MPa	ISO 527
Flexural modulus, 23°C	2060	MPa	ISO 178
Flexural strength	88	MPa	ISO 178
Charpy notched impact strength, +23°C	46	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	106	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	2.5	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 100Hz	2.9	-	IEC 62631-2-1
Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
Dissipation factor, 100Hz	60	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	80	E-4	IEC 62631-2-1

Other properties	Value	Unit	Test Standard
Density	1090	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	290 - 320	°C	-
Mold temperature	60 - 100	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant, High impact or impact modified

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific