

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Flexural modulus, 23°C	3200	MPa	ISO 178
Flexural strength	64	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	60	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
ASTM Data			
DTUL @ 264 psi	120	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 100Hz	2.5	-	IEC 62631-2-1
Relative permittivity, 1MHz	2.5	-	IEC 62631-2-1
Dissipation factor, 100Hz	2	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	7	E-4	IEC 62631-2-1
Volume resistivity	5.5E14	Ohm*m	IEC 62631-3-1
Electric strength	41	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	250 - 280	°C	-
Mold temperature	50 - 90	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific