

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9670	MPa	ISO 527
Yield stress	140	MPa	ISO 527
Yield strain	2.5	%	ISO 527
Flexural modulus, 23°C	9050	MPa	ISO 178
Flexural strength	200	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Ball indentation hardness	200	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Vicat softening temperature, A	220	°C	ISO 306
Vicat softening temperature, B	215	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	2	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	31	kV/mm	IEC 60243-1
Other Standards^[5]			
Dissipation factor, 100Hz	25	E-4	IEC 60250
Volume resistivity	1E16	Ohm*m	IEC 60093
Surface resistivity	1E16	Ohm	IEC 60093

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

Other properties	Value	Unit	Test Standard
Density	1540	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 120	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	230 - 250	°C	-
Mold temperature	60 - 120	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color