

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	0.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	13000	MPa	ISO 527
Stress at break	165	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	12500	MPa	ISO 178
Flexural strength	270	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Electrical properties			
Other Standards^[S]			
Volume resistivity	1E11	Ohm*m	IEC 60093
Surface resistivity	1E12	Ohm	IEC 60093
S: These properties are reported by the producer according standards that are different to our defaults.			
Other properties			
Density	1590	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Regional Availability

North America, Europe, South and Central America

Delivery form

Black