

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
Mechanical properties			
ISO Data			
Tensile Modulus	9670	MPa	ISO 527
Yield stress	110	MPa	ISO 527
Yield strain	2.5	%	ISO 527
Flexural modulus, 23°C	9050	MPa	ISO 178
Flexural strength	200	MPa	ISO 178
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210	°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
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	17	kV/mm	ASTM D 149
Other properties			
Density	1530	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

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, South and Central America