

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	54	MPa	ISO 527
Yield strain	4.4	%	ISO 527
Flexural strength	84	MPa	ISO 178
Izod notched impact strength, +23°C	48	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	122	°C	ISO 75-1/-2
Vicat softening temperature, B	120	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	230 - 260	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America