

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	156	MPa	ISO 527
Yield stress	5	MPa	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Flexural strength	250	MPa	ISO 178
Izod impact strength, +23°C	60	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7.33	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	257	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties	Value	Unit	Test Standard
Density	1390	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	290 - 305	°C	-
Mold temperature	70 - 120	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America