

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Charpy impact strength, +23°C	190	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	3.3	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	170	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Vicat softening temperature, B	90	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 230	°C	-
Mold temperature	20 - 50	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Homopolymer

Delivery form

Black

Regional Availability

North America, Europe, South and Central America