

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	10	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Yield stress	38	MPa	ISO 527
Yield strain	7.3	%	ISO 527
Stress at break	25	MPa	ISO 527
Flexural modulus, 23°C	1900	MPa	ISO 178
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	103	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	106	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	140	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
Other properties			
Water absorption	0.01	%	Sim. to ISO 62
Density	1000	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Homopolymer

Special Characteristics

Flame retardant

Regional Availability

Europe