

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	28	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Flexural strength	35	MPa	ISO 178
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Other properties			
Density	910	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	30 - 65	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.2	%	-
Mold temperature	30 - 65	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Homopolymer

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific