

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	20	MPa	ISO 527
Yield strain	5	%	ISO 527
Flexural modulus, 23°C	800	MPa	ISO 178
Flexural strength	21	MPa	ISO 178
Izod notched impact strength, +23°C	40	kJ/m ²	ISO 180/1A
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Shore D hardness	56	-	ISO 7619-1
Rockwell hardness	R 70	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Vicat softening temperature, B	54	°C	ISO 306
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	30 - 50	°C	-
Feed temperature	40 - 80	°C	-
Injection speed	100 - 200	mm/s	-
Holding pressure	30 - 60	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Applications

Automotive

Regional Availability

North America, Europe, South and Central America