

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	31	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1290	MPa	ISO 178
Charpy notched impact strength, +23°C	4.2	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4.1	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	49	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	76	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	93	°C	ASTM D 648
Other properties			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding, Film Extrusion

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Features

Homopolymer

Applications

Automotive, General Purpose, Packaging, Sports Equipment

Regional Availability

North America