

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	23	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	7	%	ISO 527
Nominal strain at break	20	%	ISO 527
Charpy impact strength, +23°C	90	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	13	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	1.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	62	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Density	910	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	220 - 240	°C	-
Mold temperature	20 - 40	°C	-

Characteristics

Processing

Injection Molding

Features

Nucleated, Homopolymer

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa