

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0135	mm/mm	ASTM D 955
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Yield stress	65	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	85	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	71	°C	ISO 75-1/-2
Other properties			
Value	Unit	Test Standard	
Density	1120	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	240 - 285	°C	-
Mold temperature	65 - 80	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Additives

Lubricants, Release agent

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific