

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	55	g/10min	ISO 1133
Temperature	275	°C	-
Load	2.16	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0165	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	75	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	2900	MPa	ISO 178
Flexural strength	105	MPa	ISO 178
Izod notched impact strength, +23°C	4.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	73	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1130	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	≤0.2	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	40 - 80	°C	-

Characteristics

Processing

Injection Molding

Additives

Release agent

Special Characteristics

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

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific