

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1300	MPa	ISO 527
Yield stress	32.1	MPa	ISO 527
Yield strain	5	%	ISO 527
Nominal strain at break	215	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Flexural strength	41.9	MPa	ISO 178
Izod impact strength, +23°C	135	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	75	kJ/m ²	ISO 180/1A
Izod notched impact strength	12	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	48	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ISO 1183

Test specimen production	Value	Unit	Test Standard
ISO Data			
Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified