

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.1	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	2.1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2330	MPa	ISO 527
Yield stress	47	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Strain at break	3.5	%	ISO 527
Flexural modulus, 23°C	2390	MPa	ISO 178
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	25	kJ/m ²	ISO 180/1A
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
ASTM Data			
Tensile Modulus	2303	MPa	ASTM D 638
Tensile Strength at Yield	49	MPa	ASTM D 638
Elongation at Yield	3.1	%	ASTM D 638
Elongation at Break	8.8	%	ASTM D 638
Flexural Modulus	2406	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	219	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	133	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	84	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	98	°C	ISO 75-1/-2
ASTM Data			
Coefficient of Thermal Expansion, MD	77.4	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	95.4	E-6/K	ASTM D 696
DTUL @ 66 psi	99.4	°C	ASTM D 648
DTUL @ 264 psi	81.7	°C	ASTM D 648
Vicat Temperature	103	°C	ASTM D 1525
Other properties			
Density	1060	kg/m ³	ISO 1183
Density	1060	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82 - 85	°C	-
Pre-drying - Time	≥2	h	-
Melt temperature	243 - 271	°C	-
Zone 1	238	°C	-
Zone 2	249	°C	-
Zone 3	254	°C	-
Nozzle temperature	249 - 254	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, South and Central America