

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	4.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1680	MPa	ISO 527
Yield stress	45	MPa	ISO 527
Yield strain	5	%	ISO 527
Nominal strain at break	>50	%	ISO 527
Stress at break	45	MPa	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	42	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	46	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	38	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
Puncture - maximum force, +23°C	3650	N	ISO 6603-2
Puncture - maximum force, -30°C	4440	N	ISO 6603-2
Puncture energy, +23°C	37	J	ISO 6603-2
Puncture energy, -30°C	40	J	ISO 6603-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	104	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	124	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	95	E-6/K	ISO 11359-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	3 - 8	h	-
Melt temperature	260	°C	-
Mold temperature	80	°C	-
Injection speed	240	mm/s	-

## Characteristics

### Processing

Injection Molding, Coating

### Features

Ductile, Good Adhesion

### Chemical Resistance

Hydrolytically Stable

### Applications

Automotive

### Regional Availability

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