

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	35	cm <sup>3</sup> /10min	ISO 1133
Temperature	270	°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	2100	MPa	ISO 527
Yield stress	53	MPa	ISO 527
Yield strain	4.7	%	ISO 527
Nominal strain at break	>50	%	ISO 527
Stress at break	51	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	77	MPa	ISO 178
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
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	56	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	25	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
Puncture - maximum force, +23°C	3800	N	ISO 6603-2
Puncture - maximum force, -30°C	4900	N	ISO 6603-2
Puncture energy, +23°C	42	J	ISO 6603-2
Puncture energy, -30°C	47	J	ISO 6603-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	93	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	123	°C	ISO 75-1/-2
Vicat softening temperature, B	133	°C	ISO 306
Coeff. of linear therm. expansion, parallel	82	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	83	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1210	kg/m <sup>3</sup>	ISO 1183
Recycled resin content	30	%	-

Test specimen production	Value	Unit	Test Standard
<b>ISO Data</b>			
Injection Molding, melt temperature	270	°C	ISO 294
Injection Molding, mold temperature	70	°C	ISO 294
Injection Molding, injection velocity	200	mm/s	ISO 294

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.01	%	-

## Characteristics

### Processing

Injection Molding

### Certifications

Recycled Resin Content, Post-Consumer Recyclate

**Additives**

Release agent

**Special Characteristics**

High impact or impact modified

**Applications**

Automotive

**Regional Availability**

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