

**Product Texts**

- MVR (300 °C/1.2 kg) 7.0 cm³/10 min
- high viscosity

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	7	cm³/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2350	MPa	ISO 527
<sup>[C]</sup> Yield stress	66	MPa	ISO 527
<sup>[C]</sup> Yield strain	6	%	ISO 527
Izod notched impact strength, +23°C	75	kJ/m²	ISO 180/1A
Izod notched impact strength	14	kJ/m²	ISO 180/1A
Temperature	-20	°C	-
<sup>[C]</sup> Puncture - maximum force, +23°C	5700	N	ISO 6603-2
<sup>[C]</sup> Puncture - maximum force, -30°C	6500	N	ISO 6603-2
<sup>[C]</sup> Puncture energy, +23°C	62	J	ISO 6603-2
<sup>[C]</sup> Puncture energy, -30°C	67	J	ISO 6603-2

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	122	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	142	°C	ISO 306

[C]: CAMPUS

**Test specimen production**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Injection Molding, melt temperature	300	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294
Injection Molding, injection velocity	200	mm/s	ISO 294

[C]: CAMPUS

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 3	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280 - 320	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	250 - 260	°C	-
Zone 2	270 - 280	°C	-
Zone 3	280 - 290	°C	-
Nozzle temperature	290 - 300	°C	-
Back pressure	5 - 15	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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