

**Product Texts**

- Rubber modified (PC+SAN) blend
- 20% glass fiber filled
- Vicat/B 120 temperature = 134 °C
- tensile modulus = 6000 MPa
- optimized heat ageing- and UV-stability
- very good flow
- for demanding applications in the automotive interior

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	9	cm <sup>3</sup> /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	0.4	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	6000	MPa	ISO 527
<sup>[C]</sup> Stress at break	100	MPa	ISO 527
<sup>[C]</sup> Strain at break	3	%	ISO 527
Flexural modulus, 23°C	5500	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	43	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	50	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	13	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	9	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	125	MPa	ISO 2039-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	126	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	137	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	132	°C	ISO 306
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	85	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	1280	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Test specimen production	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294
Injection Molding, injection velocity	540	mm/s	ISO 294

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	4	h	-

Processing humidity	≤0.02	%	-
Melt temperature	260 - 280	°C	-
Mold temperature	70 - 90	°C	-
Zone 1	230 - 240	°C	-
Zone 2	235 - 245	°C	-
Zone 3	240 - 270	°C	-
Nozzle temperature	265 - 275	°C	-
Back pressure	5 - 15	MPa	-

## Characteristics

### Processing

Injection Molding

### Applications

Automotive

### Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

### Regional Availability

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