

Product Texts

Base Polymer	Polypropylene Homopolymer
Special Features	UV stabilised,easy release (demoulding),processing stabilised,30 % mineral
Market Segment	Automotive,various
Application Area	fixtures / fittings,exterior,various
Typical Applications	functional components,fixing elements,various

Processing/Physical Characteristics

	Value	Unit	Test Standard
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ISO Data

^[C] Melt volume-flow rate, MVR	19	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
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ISO Data

^[C] Tensile Modulus	2400	MPa	ISO 527
^[C] Yield stress	30	MPa	ISO 527
^[C] Yield strain	4.3	%	ISO 527
^[C] Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	2	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
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ISO Data

^[C] Temp. of deflection under load, 1.80 MPa	62	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	89	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
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^[C] Density	1090	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Special Characteristics

U.V. stabilized or stable to weather

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (dessiccant) dryer 60-90 °C
 for 2-4 h
 in an air circulating dryer 60-90 °C
 for 2-4 h
 dependant on moisture content

Processing Injection Moulding melt temperature 200-270 °C
 mould temperature 20-70 °C

Storage dry, protected from light
 not above 30°C