

Product Texts

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	30 % talcum
Special Features	heat stabilised
Market Segment	various,electrical and electronic
Typical Applications	various

Processing/Physical Characteristics

	Value	Unit	Test Standard
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ISO Data

^[C] Melt volume-flow rate, MVR	13	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	4200	MPa	ISO 527
^[C] Yield stress	34	MPa	ISO 527
^[C] Yield strain	3.3	%	ISO 527
^[C] Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3.5	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	90	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	105	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
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^[C] Density	1150	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Delivery form

Granules

Regional Availability

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

Special Characteristics

Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (desiccant) dryer 2-4 °C
for 60-90 h
in an air circulating dryer 2-4 °C
for 60-90 h

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

Storage dry, protected from light
not above 30°C