

Product Texts

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	40 % talcum
Special Features	high toughness,various
Market Segment	packaging,various
Application Area	food contact,toys,various
Typical Applications	various

Processing/Physical Characteristics

	Value	Unit	Test Standard
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ISO Data

^[C] Melt volume-flow rate, MVR	12	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	3600	MPa	ISO 527
^[C] Yield stress	32	MPa	ISO 527
^[C] Yield strain	3	%	ISO 527
^[C] Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	2.5	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	88	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	100	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
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^[C] Density	1190	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Certifications

Food contact

Features

Homopolymer

Regional Availability

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

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