

Product Texts

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	nucleating agent
Market Segment	food processing industry
Typical Applications	various

Processing/Physical Characteristics

	Value	Unit	Test Standard
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
ISO Data			
^[C] Tensile Modulus	1400	MPa	ISO 527
^[C] Yield stress	40	MPa	ISO 527
^[C] Yield strain	8.7	%	ISO 527
^[C] Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	100	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	900	kg/m ³	ISO 1183

[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**

Processing Injection Moulding melt temperature 200-270 °C
mould temperature 20-90 °C

Storage dry, protected from light