

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Special Features	heat stabilised, injection moulding grade, easy release (demoulding)
Application Area	food contact
Typical Applications	various

Mechanical properties

	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10000 / -	MPa	ISO 527
^[C] Stress at break	150 / -	MPa	ISO 527
^[C] Strain at break	2.4 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	40 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	250 / *	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	255 / *	°C	ISO 306

[C]: CAMPUS

Other properties

	dry / cond	Unit	Test Standard
^[C] Density	1420 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Certifications

Food contact

Other text information**Injection molding**

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer for 2-12 h
dependant on moisture content
0,15 % max. moisture content

Processing Injection Moulding melt temperature 80-120 °C
mould temperature 280-300 °C

Storage dry, protected from light
not above 30°C