

Product Texts

Recycled PA66 injection moulding grade. Toughened. Heat stabilized. Blue colour.

The recycled material has been developed to reduce its environmental impact in comparison to traditional virgin options. Produced with selected feedstock coming from polymerization, yarn and compounding plants.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	1800 / -	MPa	ISO 527
^[C] Charpy notched impact strength, +23°C	7 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1090 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Granules

Certifications

Recycled Resin Content

Additives

Release agent

Regional Availability

Europe

Other text information

Injection molding

The material is delivered in moisture-proof packaging ready for processing. Maximum recommended water content for best processing is 0.15%. Typical conditions with a desiccant drier: temperature 80 ° C, dew point -20 ° C or below, time 2-4 h or more. Avoid excessive shear rates and high thermal stresses for better processing. Special care must be taken to avoid moisture absorption and contamination with other polymers when adding regrind material. Colour variation and mechanical properties reduction may occur and should always be carefully monitored.

Injection Molding Processing Parameters

Melt Temperature
270 - 290°C

Mold Temperature
70 - 80°C

Injection Speed
medium-high