

Product Texts

Medium viscosity polyamide 6.6 eco grade with 35% glass fiber reinforcement and hydrolysis stabilisation. High sustainability due to recycled raw materials. Recycled content in the polymer >70%.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	11000 / 7900	MPa	ISO 527
Stress at break	180 / 130	MPa	ISO 527
Strain at break	3.2 / 5.3	%	ISO 527
Charpy impact strength, +23°C	85 / 90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13 / 17	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	246 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1400 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Mold temperature	40 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	260 - 290	°C	-
Nozzle temperature	270 - 300	°C	-
Maximum residence time	8	min	-

Characteristics

Processing

Injection Molding

Certifications

Recycled Resin Content

Delivery form

Pellets

Regional Availability

Europe

Chemical Resistance

Hydrolytically Stable