

**Product Texts**

Medium viscosity polyamide 6 eco grade. High sustainability due to recycled raw materials.

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2850 / -</b>	MPa	ISO 527
Yield stress	<b>75 / -</b>	MPa	ISO 527
Stress at break	<b>75 / -</b>	MPa	ISO 527
Strain at break	<b>4 / -</b>	%	ISO 527
Charpy impact strength, +23°C	<b>N / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>4.5 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>220 / *</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>85 / *</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1130 / -</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>4 - 8</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Mold temperature	<b>40 - 80</b>	°C	-
Feed temperature	<b>60 - 80</b>	°C	-
Zone 1	<b>240 - 260</b>	°C	-
Nozzle temperature	<b>250 - 270</b>	°C	-
Maximum residence time	<b>10</b>	min	-

**Characteristics**

**Processing**  
Injection Molding

**Certifications**  
Recycled Resin Content

**Delivery form**  
Pellets

**Regional Availability**  
Europe