

**Product Texts**

Medium viscosity ECO Polyamid 6.6, 15% glassfiber reinforced.

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>6000 / -</b>	MPa	ISO 527
Tensile Strength	<b>105 / -</b>	MPa	ISO 527
Strain at break	<b>2.3 / -</b>	%	ISO 527
Charpy impact strength, +23°C	<b>32 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>3.8 / -</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>			
Temp. of deflection under load, 1.80 MPa	<b>225 / *</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1230 / -</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>40 - 80</b>	°C	-
Pre-drying - Time	<b>4 - 8</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Feed temperature	<b>60 - 80</b>	°C	-
Zone 1	<b>260 - 290</b>	°C	-
Nozzle temperature	<b>270 - 300</b>	°C	-
Maximum residence time	<b>8</b>	min	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

Europe

**Delivery form**

Pellets