

**Product Texts**

Laser marking PA6.

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>3360 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>85.2 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>3.75 / -</b>	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>4.92 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>220 / *</b>	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>60 / *</b>	°C	ISO 75-1/-2

[C]: CAMPUS

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>83</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>240 - 285</b>	°C	-
Mold temperature	<b>65 - 85</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Features**

Laser Markable

**Delivery form**

Black

**Regional Availability**

North America

**Other text information**

**Injection molding**

**PREPROCESSING**

Pre/Post-processing, Pre-drying, Temperature: 83 °C

Pre/Post-processing, Pre-drying, Time: 2 - 4 h

**PROCESSING**

injection molding, Melt temperature, range: 240 - 285 °C

injection molding, Mold temperature, range: 65 - 85 °C