

**Product Texts**

Polyamide 6, 40% glass fiber reinforced, heat-aging stabilized, improved surface finish, low temperature impact modified, for injection molding, black

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	<b>0.1 / *</b>	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	<b>0.6 / *</b>	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>11000 / 6500</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>175 / 120</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>4.5 / 9.5</b>	%	ISO 527
Flexural modulus, 23°C	<b>9500 / 6000</b>	MPa	ISO 178
Flexural strength	<b>295 / 170</b>	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	<b>105 / 115</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	<b>110 / 115</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>28 / 35</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	<b>18 / 18</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>221 / *</b>	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	<b>1420 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat