

**Product Texts**

Medium viscosity Polyamide 6, 50% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.  
For moulding parts with very high stiffness and good impact strength.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>14800</b>	MPa	ISO 527
Yield stress	<b>210</b>	MPa	ISO 527
Yield strain	<b>2</b>	%	ISO 527
Stress at break	<b>190</b>	MPa	ISO 527
Strain at break	<b>3</b>	%	ISO 527
Charpy impact strength, +23°C	<b>75</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>16</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>205</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>220</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Comparative tracking index	<b>600</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>5</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.5</b>	%	Sim. to ISO 62
Density	<b>1550</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe