

**Product Texts**

Medium viscosity industrial quality, 50 % glassfiber reinforced.  
For all kind of moulding parts with high rigidity.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>13500</b>	MPa	ISO 527
Tensile Strength	<b>140</b>	MPa	ISO 527
Yield stress	<b>145</b>	MPa	ISO 527
Yield strain	<b>1</b>	%	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Charpy impact strength, +23°C	<b>60</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>11</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>215</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>225</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>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>4.5</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.45</b>	%	Sim. to ISO 62
Density	<b>1560</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Regional Availability**

Europe