

**Product Texts**

PA66 blend with partially aromatic content, 30% glass fiber reinforcement and PTFE modification.  
For molded parts with high demands on strength and tribology.

**preliminary data**

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>10500 / 10000</b>	MPa	ISO 527
Stress at break	<b>215 / 200</b>	MPa	ISO 527
Strain at break	<b>4 / 5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>85 / N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>12 / 13</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>			
Melting temperature, 10°C/min	<b>260 / *</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>235 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>245 / *</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>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>1E12 / -</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>33 / -</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>600 / -</b>	-	IEC 60112

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>4.5 / *</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.6 / *</b>	%	Sim. to ISO 62
Density	<b>1420 / -</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Regional Availability**

Europe