

**Alamid® 6.6 GF 30 H**

PA66-GF30

Brenntag AG

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>10000</b>	MPa	ISO 527
Tensile Strength	<b>185</b>	MPa	ISO 527
Strain at break	<b>3</b>	%	ISO 527
Charpy impact strength, +23°C	<b>70</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8</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>			
Melting temperature, 10°C/min	<b>260</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>250</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>250</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>5.7</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.5</b>	%	Sim. to ISO 62
Density	<b>1370</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe