

**Product Texts**

BERGAMID B700G30H, PA6 PA6 reinforced  
30% glass fibre, heat stabilized,  
UL-listing

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	9500 / -	MPa	ISO 527
Stress at break	180 / -	MPa	ISO 527
Strain at break	3 / -	%	ISO 527
Charpy impact strength, +23°C	80 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	60 / -	kJ/m <sup>2</sup>	ISO 179/1eU

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2

<b>Electrical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Relative permittivity, 1MHz	3.8 / -	-	IEC 62631-2-1
Volume resistivity	1E12 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E12	Ohm	IEC 62631-3-2
Electric strength	80 / -	kV/mm	IEC 60243-1
Comparative tracking index	500 / -	-	IEC 60112

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1350 / -	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

North America, Europe, Asia Pacific, Near East/Africa

**Other text information****Injection Molding**

## PREPROCESSING

Max. Water Content 0,1%

Pre-Drying: 80°C 4 Hours

## PROCESSING

Melt Temperature 270-290°C

Mould Temperature 80-90°C