

**PIBITER NRV30**

PBT-GF30

Celanese

**Product Texts**

PBT-GF30, Polybutylene terephthalate , 30% glass fibre reinforced

Flammability @1.6mm nom. HB -  
thickn.  
Flammability @0.8mm nom. HB -  
thickn.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>9800</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>130</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>2.5</b>	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>225</b>	°C	ISO 11357-1/-3
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Humidity absorption	<b>0.25</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1520</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Regional Availability**

Europe