

**PIBITER NRV15S1**

PBT

Celanese

**Product Texts**

PBT SAN, 15% glass fiber reinforced low warpage grade

Flammability @1.6mm nom. HB  
thickn.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	<b>0.8</b>	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>5500</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>93</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>3.3</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>60</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>6.8</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>190</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	<b>218</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	<b>1340</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Features**

Low Warpage

**Regional Availability**North America, Europe, Asia Pacific, South and Central America,  
Near East/Africa