

**Product Texts**

LNP THERMOTUF WF006I compound is based on Polybutylene Terephthalate (PBT) resin containing 30% glass fiber. Added features of this grade include: Impact Modified.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>7600</b>	MPa	ISO 527
Yield stress	<b>82</b>	MPa	ISO 527
Stress at break	<b>101</b>	MPa	ISO 527
Strain at break	<b>3.6</b>	%	ISO 527
Flexural modulus	<b>7000</b>	MPa	ISO 178
Izod impact strength, +23°C, 4mm	<b>55</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	<b>13</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>190</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>218</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>26</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>123</b>	E-6/K	ISO 11359-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1470</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

High impact or impact modified