

**NEVIMID 6 B G15L**

PA6-GF15

Nevicolor S.p.A.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.3</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.1</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>6500</b>	MPa	ISO 527
Stress at break	<b>100</b>	MPa	ISO 527
Strain at break	<b>5</b>	%	ISO 527
Flexural modulus, 23°C	<b>5500</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>7</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>210</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>215</b>	°C	ISO 306
Vicat softening temperature, B	<b>205</b>	°C	ISO 306
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Humidity absorption	<b>2.5</b>	%	Sim. to ISO 62
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe