

**NEVIMID 6 E800**

PA6

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>1.6</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.6</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>2000</b>	MPa	ISO 527
Yield stress	<b>50</b>	MPa	ISO 527
Yield strain	<b>4</b>	%	ISO 527
Stress at break	<b>40</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1700</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>45</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>40</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>50</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>75</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>210</b>	°C	ISO 306
Vicat softening temperature, B	<b>160</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>			
Humidity absorption	<b>0.7</b>	%	Sim. to ISO 62
Density	<b>1070</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

High impact or impact modified

**Regional Availability**

Europe