

**NEVIMID 6 B CM30**

PA6-MX30

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>0.9</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.9</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>4700</b>	MPa	ISO 527
Stress at break	<b>80</b>	MPa	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural modulus, 23°C	<b>4500</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>70</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>4.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>85</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>200</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>220</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>			
Humidity absorption	<b>2</b>	%	Sim. to ISO 62
Density	<b>1350</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe