

**SICOBLEND® N108**

(PA\*+ABS)-GF8

Ravago Group

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>20</b>	g/10min	ISO 1133
Temperature	<b>240</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.8</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>55</b>	MPa	ISO 527
Stress at break	<b>50</b>	MPa	ISO 527
Strain at break	<b>7</b>	%	ISO 527
Flexural modulus, 23°C	<b>3000</b>	MPa	ISO 178
Flexural strength	<b>70</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>9</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>4</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-30</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>235</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>90</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>113</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-
Glow Wire Flammability Index (GWFI)	<b>650</b>	°C	IEC 60695-2-12
GWFI - thickness tested (1)	<b>2</b>	mm	-
<b>Other properties</b>			
Density	<b>1120</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe