

**SICOBLEND® N2070**

(PA\*+ABS)

Ravago Group

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	45	MPa	ISO 527
Stress at break	40	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Izod notched impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	8	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-23	°C	-
Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Vicat softening temperature, B	106	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
Burning rate, FMVSS, Thickness 1 mm	40	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	33	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties	Value	Unit	Test Standard
Water absorption	1.4	%	Sim. to ISO 62
Density	1070	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Applications**

General Purpose

**Regional Availability**

Europe