

**SICOFLEX® S270**

(ABS+SAN)

Ravago Group

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

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	10	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Izod notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	106	°C	ISO 306
Vicat softening temperature, B	96	°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	70	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	1E12	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Applications**

Packaging

**Regional Availability**

Europe