



# Sicoblend® N8065

## Ravago Manufacturing Europe - Acrylonitrile Butadiene Styrene + PA

### General Information

#### Product Description

PA/ABS high impact grade

#### General

Material Status	• Commercial: Active
Availability	• Europe
Features	• High Impact Resistance

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	24	g/10 min	ISO 1133
Molding Shrinkage	0.60 to 0.90	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	40.0	MPa	ISO 527-2
Tensile Stress (Break)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress (23°C)	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			
-30°C	18	kJ/m <sup>2</sup>	ISO 180/A
23°C <sup>2</sup>	No Break		ISO 180
23°C	70	kJ/m <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	103	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm	HB		
3.2 mm	HB		

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> reverse