

# Sicoblend® N8065

PA/ABS Blend  
Prime Compound

## Description:

PA/ABS high impact grade

## General

Density	ISO 1183	1.07	g/cm <sup>3</sup>
Water absorption (24 hrs saturation)	ISO 62	1.4	%
Linear mould shrinkage	ISO 2577	0.6-0.9	%
MFI (240°C/10kg)	ISO 1133	24	g/10min

## Thermal

HDT/A (1,82MPa)	ISO 75A	65	°C
Vicat softening point (B50 (50°C/h, 50N))	ISO 306	103	°C
Melting point	ISO 3146	230	°C

## Mechanical

Izod notched impact strength (23°C)	ISO 180/A	70	kJ/m <sup>2</sup>
Izod notched impact strength (-30°C)	ISO 180/A	18	kJ/m <sup>2</sup>
Tensile stress at yield	ISO 527	40	MPa
Tensile stress at break	ISO 527	35	MPa
Elongation at break	ISO 527	100	%
Flex modulus	ISO 178	1800	MPa
Izod impact reverse (+23°C (notched))	ISO 180/1A	no break	kJ/m <sup>2</sup>
Flexural strength (+23°C)	ISO 178	55	MPa

## Flammability

Flammability (3,2mm)	UL94	HB
Flammability (1,6mm)	UL94	HB

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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