

ISOBLEND®

Code	120066
Grade	B65 NA
Polymer	PC/ABS Alloy
Application	Injection moulding

Unfilled PC/ABS alloy. Natural colour.

Properties	Method	Unit	Value
Physical			
Melt Flow Rate (260°C – 5,00 Kg)	ISO 1133	g/10'	22
Density at 23°C	ISO 1183	g/cm ³	1,12
Mould Shrinkage (%)	INTERNAL	%	0,6
Thermal			
Vicat A50	ISO 306	°C	130
Vicat B50	ISO 306	°C	120
Mechanical at 23°C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2300
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	50
Tensile elong. at break (23°C-50 mm/min)	ISO 527-2	%	50
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	40
Izod notched impact strength (-20°C) ISO	ISO 180/1A	KJ/m ²	37
Flammability			
Glow Wire Flammability Index GWFI (1,0 mm)	IEC 60695-2-12	°C	650
Glow Wire Flammability Index GWFI (2,0 mm)	IEC 60695-2-12	°C	650
Flammability Class			
Flammability class (3,0 mm)	UL94		HB

Regulations compliance

RoHS compliance status: COMPLIANT

EN71:

UL listed file n°:

Water contact approvals.

Food contact status:

Technical documents

Material safety datasheet: <http://www.sirmax.it/sites/default/files/ISOBLEND%C2%AE%20MSDS.pdf>

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§ Moulding shrinkage is not an intrinsic property of plastics. It also depends on moulding parameters. The values reported have been calculated in the direction parallel to the flow in a 3.0 x 125 x 160 mm sample.

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