

ISONYL®

Code	
Grade	B 66 GF30 BK
Polymer	Polyamide 66
Application	Injection moulding

30% glass fiber reinforced polyamide 66. Black color.

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm3	1,36
Mould Shrinkage (%)	INTERNAL	%	0,3-0,5
Filler Content (1h/600°C)	ISO 3451-1	%	30
Thermal			
Vicat B50	ISO 306	°C	240
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	8000
Flexural strength (23°C - 2 mm/min)	ISO 178	MPa	225
Tensile stress at break (23°C-5 mm/min)	ISO 527-2	MPa	155
Tensile elong. at break (23°C-5 mm/min)	ISO 527-2	%	4,0
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	9
Flammability Class			
Flammability class (3,0 mm)	UL94		HB

Regulations compliance

RoHS compliance status: COMPLIANT

EN71:

UL listed file n°:

SIRMAX S.P.A.

E.A.R. N° 91334
P.IVA 00168180248
sirmax@sirmax.com

Sales office, administration and production plant

Via dell'artigianato, 42
35010 Cittadella (PD) – Italy
Tel. 049 9441111 – Fax 049 9441112

Registered office and warehouse

Via dell'artigianato, 42
35010 Cittadella (PD) – Italy
Tel. 049 9441111 – Fax 049 9441112

Water contact approvals.

Food contact status:

Revision number/date: 0 DEC 21

[§] 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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