

ISONYL[®]

Code	
Grade	B 66 GF25 BK
Polymer	PA 66
Application	Injection moulding

25% glass fiber reinforced PA66. Black color.

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm ³	1,32-1,34
Mould Shrinkage (%)	INTERNAL	%	0,2-0,4
Thermal			
Vicat B50	ISO 306	°C	245
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	7500
Flexural strength (23°C - 2 mm/min)	ISO 178	MPa	200
Tensile stress at break (23°C-5 mm/min)	ISO 527-2	MPa	135
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	7
Flammability Class			
Flammability class (1,6 mm)	UL94		HB
Processing Conditions			
Melt Temperature Range	ISO 294	°C	280-300
Mold Temperature Range	ISO 294	°C	80-100
Injection Velocity	ISO 294		MEDIUM
Drying Temperature		°C	80-100
Drying Time		Hour	3

Regulations compliance

RoHS compliance status: **COMPLIANT**

EN71:

UL listed file n°:

Water contact approvals.

Food contact status:

Revision number/date:0 JUN 22

§ 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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