

<b>ISONYL</b>	Grade	I 66 GF33 BK
	Polymer	Polyamide 66
	Application	

33% glass fiber reinforced polyamide 66. Black colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	1.38
Filler Content (1h/600°C)	ISO 3541-1	%	33
<b>Thermal</b>			
HDT, A (1.80 MPa)	ISO 75/Ae	°C	255
<b>Mechanical at 23 °C</b>			
Tensile Modulus (23°C - 5 mm/min)	ISO 527-2	MPa	9000
Tensile stress at break (23°C-5 mm/min)	ISO 527-2	MPa	160
Tensile elong. at break (23°C-5 mm/min)	ISO 527-2	%	3
Izod notched impact strength (23°C)	ISO 180/1A	KJ/m <sup>2</sup>	8
<b>Flammability Class</b>			
Flammability class (3,0 mm)	UL94		HB

**Production Plant**

Tipco Compound, Dharampur Cross Road  
 NH No.8, Abrama Valsad - 396 002, Gujarat  
 T +91 2632 227304  
 Email- info@autotechsirmax.in

**Production Plant**

Plot No.60/8, Phoolwari Road, Aurangabad  
 Dist. Palwal 122 105, Haryana  
 T +91 702 777 3210

**Registered Office**

Tipco Plaza Rani Sati Marg  
 Malad East Mumbai – 400 097  
 T +91 22 42762000

## Regulations compliance

RoHS compliance status:

EN71:

UL listed file n°:

Water contact approvals :

## Technical documents

Material safety datasheet:

<http://www.sirmax.it/sites/default/files/ISONYL%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 12.7 x 127 mm sample.

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