

ISOGLASS®	Grade	XT 8029U
	Polymer	Polypropylene
	Application	Injection moulding

40% chemically coupled high performance glass fiber reinforced polypropylene. UV stabilized. Heat stabilized. This material is available in natural or customized color on request.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	7,0
Density at 23°C	ISO 1183	g/cm3	1,24
Mould Shrinkage (%)	INTERNAL	%	0,3 - 0,5
Filler Content (1h/600°C)	ISO 3451-1	%	40
Thermal			
Vicat B50	ISO 306	°C	150
HDT, A (1.80 MPa)	ISO 75/Ae	°C	153
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	9000
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	125
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	11
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/ISOGLASS%C2%AE%20MSDS.pdf>

Revision number/date:

[§] 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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