



Document	ISO Datasheet
Description	PP GF 30
Grade	ISOGLASS H 30 FVL C NA
Code	
Application	Appliance/Washing Machine/Tub

30% glass reinforced homopolymer polypropylene. Natural colour. Heat stabilized.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	6
Density at 23°C	ISO 1183	g/cm ³	1,13
Mould Shrinkage (%)	INTERNAL	%	0,3
Filler Content (1h/600°C)	ISO 3451-1	%	30
Thermal			
Vicat B50	ISO 306	°C	135
HDT, A (1.80 MPa)	ISO 75/Ae	°C	145
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	5800
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	80
Tensile stress at break (23°C-5 mm/min)	ISO 527-2	MPa	80
Tensile elong. at break (23°C-5 mm/min)	ISO 527-2	%	5,0
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	11,5
Izod notched impact strength (-20°C) ISO	ISO 180/1A	KJ/m ²	9,2
Flammability Class			
Glow Wire Flammability Index GWFI (3,0 mm)	IEC 60695-2-12	°C	650
Regulations compliance			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:	QMFZ2.E220931		
Water contact approvals.	WRAS/ACS		
Food contact status:	NON COMPLIANT		

[§] 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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Sirmax s.p.a.

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

Group Headquarter:

Viale dell'Artigianato, 42
35013 Cittadella (PD) – Italy
Tel. +39 049 9441111 – Fax +39 049 9441112