



Document	ISO Datasheet
Description	PP GF 25
Grade	ISOGLASS H 25 CGF C UV
Code	
Application	CHAIR STRUCTURE

25% chemically coupled glass fibre reinforced Polypropylene. Antistatic.UV stabilized.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	6
Density at 23°C	ISO 1183	g/cm3	1,08
Mould Shrinkage (%)	INTERNAL	%	0,4
Filler Content (1h/600°C)	ISO 3451-1	%	25
<b>Thermal</b>			
Vicat B50	ISO 306	°C	133
HDT, A (1.80 MPa)	ISO 75/Ae	°C	130
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	5400
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	79
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m2	11
<b>Flammability Class</b>			
Flammability class (0,8/1,5 mm)	UL94		HB
<b>Regulations compliance</b>			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:			
Water contact approvals.			
Food contact status:			

§ 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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