



Document	ISO Datasheet
Description	PP GF 30
Grade	ISOGLASS H 30 CGF S HS
Code	
Application	EXTERIOR - LIGHTING UNDER THE HOOD – ELECTRICAL BOX/ENGINE COVER

30% glass fiber reinforced polypropylene. Compliant to VW44045-PP10. Heat stabilized.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C - 5 Kg)	ISO 1133	g/10'	5
Density at 23°C	ISO 1183	g/cm ³	1,15
Mould Shrinkage (%)	INTERNAL	%	0,3 – 0,4
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	140
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	5800
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	81
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	9
Flammability Class			
Flammability class (1,6 mm)	UL94	HB	
Regulations compliance			
RoHS compliance status	COMPLIANT		
EN71			
UL listed file n ^o			
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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