



Document	ISO Datasheet
Description	PP GF 30 FR
Grade	DAFNEGLASS HP 605/K
Code	
Application	UNDER THE HOOD – ELECTRICAL BOX

30% chemically coupled glass fiber reinforced polypropylene. V0 flame retardant grade. Heat stabilized. Flame Retardant grade Without halogens.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	2
Density at 23°C	ISO 1183	g/cm3	1,28 – 1,30
Mould Shrinkage (%)	INTERNAL	%	0,1 – 0,3
Thermal			
Vicat B50	ISO 306	°C	145
HDT, A (1.80 MPa)	ISO 75/Ae	°C	150
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	7600
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	96
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	8
Flammability			
Flammability class (0,8 mm)	UL94		V0
Processing Conditions			
Melt Temperature Range	ISO 294	°C	230 - 250
Mold Temperature Range	ISO 294	°C	30 - 50
Injection Velocity	ISO 294		LOW to MEDIUM
Drying Temperature		°C	80
Drying Time		Hour	2
Regulations compliance			
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 4.0 x 10.0 x 170 mm sample.

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