



Document	ISO Datasheet
Description	PA6 GF 60
Grade	DAFNEMID 6A P12/T
Code	
Application	WASHING MACHINE

60% glass fiber. Very high rigidity and strenght. Heat stabilized.

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm3	1,70
Mould Shrinkage (%)	INTERNAL	%	0,1 – 0,3
Filler Content (1h/600°C)	ISO 3451-1	%	60
Thermal			
Vicat B50	ISO 306	°C	220
HDT, A (1.80 MPa)	ISO 75/Ae	°C	213
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	18000
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	230
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	16
Flammability			
Flammability class (1,6 mm)	UL94		HB
Processing Conditions			
Melt Temperature Range	ISO 294	°C	260 - 280
Mold Temperature Range	ISO 294	°C	70 - 90
Injection Velocity	ISO 294		High
Drying Temperature		°C	90
Drying Time		h	3
Regulations compliance			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:	QMFZ2.E220931		
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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