



Document	ISO Datasheet
Description	PA6 FR
Grade	DAFNEMID 6A
Code	
Application	WASHING MACHINE

Unfilled. Medium viscosity.

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm ³	1,13
Mould Shrinkage (%)	INTERNAL	%	1,1 – 1,5
Thermal			
Vicat B50	ISO 306	°C	198
HDT, A (1.80 MPa)	ISO 75/Ae	°C	73
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2700
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	80
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	4
Flammability			
Flammability class (0,8/1,6 mm)	UL94		V2
Processing Conditions			
Melt Temperature Range	ISO 294	°C	220 - 240
Mold Temperature Range	ISO 294	°C	60 - 80
Injection Velocity	ISO 294		Medium
Drying Temperature		°C	80 - 100
Drying Time		h	3
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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