



Document	ISO Datasheet
Description	ABS FR
Grade	DAFNELAC FXC B
Code	
Application	WASHING MACHINE

ABS. Good mechanical properties. No blooming product. Antistatic. UV stabilized. Flame Retardant grade With halogens.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	40
Density at 23°C	ISO 1183	g/cm3	1,18 – 1,20
Mould Shrinkage (%)	INTERNAL	%	0,4 – 0,6
<b>Thermal</b>			
Vicat B50	ISO 306	°C	90
HDT, A (1.80 MPa)	ISO 75/Ae	°C	72
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2500
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	42
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	11
<b>Flammability</b>			
Flammability class (1,0 mm)	UL94		V1
Flammability class (3,0 mm)	UL94		V0
Flammability class (1,7 mm)	UL94		V0 - 5VA
<b>Processing Conditions</b>			
Melt Temperature Range	ISO 294	°C	200 - 230
Mold Temperature Range	ISO 294	°C	60 - 80
Injection Velocity	ISO 294		High
Drying Temperature		°C	70 - 80
Drying Time		h	0,5 - 2
<b>Regulations compliance</b>			
RoHS compliance status:	COMPLIANT		

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EN71:

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UL listed file n°:

QMFZ2.E220931

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Water contact approvals.

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Food contact status:

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§ 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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