



Document	ISO Datasheet
Description	PP FR
Grade	DAFNELEN CR 09/K
Code	
Application	WASHING MACHINE/ REFRIGERATOR

Unfilled copolymer polypropylene. Flame Retardant grade Without halogens.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	10
Density at 23°C	ISO 1183	g/cm3	1,02 – 1,05
Mould Shrinkage (%)	INTERNAL	%	1,2 – 1,7
Thermal			
Vicat B50	ISO 306	°C	80
HDT, A (1.80 MPa)	ISO 75/Ae	°C	60
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	1900
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	20
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	3,5
Flammability			
Flammability class (0,8/2,0/3,0 mm)	UL94		V0
Flammability class (1,6 mm)	UL94		V0-5VA
Processing Conditions			
Melt Temperature Range	ISO 294	°C	180 - 220
Mold Temperature Range	ISO 294	°C	40 – 60
Injection Velocity	ISO 294		Medium
Drying Temperature		°C	70 - 80
Drying Time		h	0,5 - 2
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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