



Document	ISO Datasheet
Description	PC
Grade	DAFNELOY MA/L
Code	
Application	EXTERIOR - REAR LIGHTS

PC unfilled. Low viscosity. Good mechanical characteristics and high heat resistance. UV stabilized.

Properties	Method	Unit	Value
Physical			
Melt flow rate (300°C – 1,20 Kg)	ISO 1133	g/10'	20
Density at 23°C	ISO 1183	g/cm ³	1,20
Mould Shrinkage (%)	INTERNAL	%	0,5 – 0,7
Thermal			
Vicat B50	ISO 306	°C	145
HDT, A (1.80 MPa)	ISO 75/Ae	°C	128
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2300
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	60
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	55
Flammability			
Flammability class (1,6/3,2 mm)	UL94		HB
Processing Conditions			
Melt Temperature Range	ISO 294	°C	260 – 290
Mold Temperature Range	ISO 294	°C	80 – 100
Injection Velocity	ISO 294		HIGH
Drying Temperature		°C	100 – 120
Drying Time			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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