



Document	ISO Datasheet
Description	PC/ASA
Grade	DAFNEBLEND PX 500 L
Code	
Application	Car grills, electric housing for outdoor.

Blend PC/ASA good UV and weathering resistance, high heat resistance, good impact strength.

Properties	Method	Unit	Value
Physical			
Melt Flow Rate (240°C - 5,00 Kg)	ISO 1133	g/10'	20
Density at 23°C	ISO 1183	g/cm ³	1,13-1,16
Mould Shrinkage (%)	INTERNAL	%	0,6-0,8
Thermal			
Vicat B50	ISO 306	°C	120
Ball Pressure Test	IEC 60695-10-2	°C	125
HDT, A (1.80 MPa)	ISO 75/Af	°C	100
HDT, B (0.45 MPa)	ISO 75/Af	°C	122
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2300
Flexural strength (23°C - 2 mm/min)	ISO 178	MPa	80
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	5
Tensile elong. at break (23°C-50 mm/min)	ISO 527-2	%	>40
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	40
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m ²	40
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m ²	NB
Flammability			
Glow Wire Flammability Index GWFI (2,0 mm)	IEC 60695-2-12	°C	650
Flammability class (3,2 mm)	UL94		HB
Processing Conditions			
Melt Temperature Range	ISO 294	°C	250-280
Mold Temperature Range	ISO 294	°C	70-90
Injection Velocity	ISO 294		HIGH

Drying Temperature	°C	90-100
Drying Time	Hour	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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