



**Dafneblend®**

Document	ISO Datasheet
Description	PC/ASA alloy
Grade	DAFNEBLEND PX500/L
Code	
Application	EXTERIOR - SPOILER

PC/ASA alloy very high heat resistance, good impact strength, good toughness and low warpage. Good resistance to weathering.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (260°C – 5,00 Kg)	ISO 1133	g/10'	15
Density at 23°C	ISO 1183	g/cm3	1,13 – 1,16
Mould Shrinkage (%)	INTERNAL	%	0,6 – 0,8
<b>Thermal</b>			
Vicat B50	ISO 306	°C	120
HDT, A (1.80 MPa)	ISO 75/Ae	°C	100
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2300
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	55
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	40
<b>Flammability</b>			
Flammability class (1,6 mm)	UL94		HB
<b>Processing Conditions</b>			
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			3
<b>Regulations compliance</b>			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:			

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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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