

New!

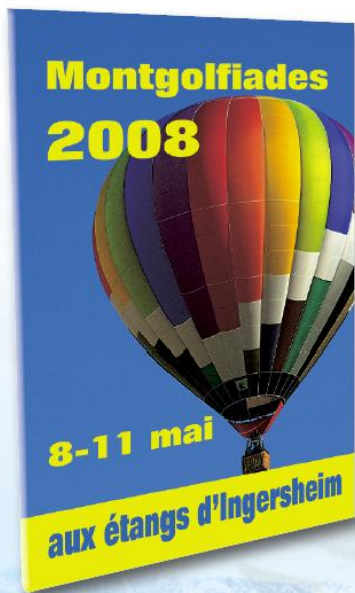
Akylite®

Polypropylene Bubble Structure Sheet

Light graphic medium



Ideal medium for screen and digital printing _____



- ~ Flat with a lovely surface appearance (no relief) for optimum printing quality
- ~ Isotropic structure/no directionality
Only 1 format to stock

Thanks to its advantages in terms of structure, surface appearance, weight and handling, Akylite® fulfills printing requirements in the optimum way.

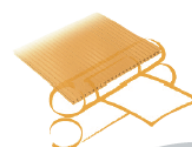
Properties

- ~ 100% recyclable product, which does not give off any harmful substances if burnt
- ~ Easy to handle, cut and score
- ~ Tear resistant

Treatments

- ~ Corona, treatment lifetime of 3 months, value: 42 dynes/cm
- ~ Antistatic treatment on request





Range

Thickness (mm)	2,5	2,8
Grammage (g/m ²)	450	600
Length (mm)	>500	>500
Standard format (mm)	800 x 1200	800 x 1200
Color	White	White
Bubble diameter (mm)	4	4

Other formats available on request/width between 1,200 and 1,500 mm.

Tolerances	Grammage +/-10%	Thickness +/-5%	Length +/-2%	Width +/-1%
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Technical Characteristics

Thickness (mm)	2,5	2,8	Test Method
Grammage (g/m ²)	450	600	
Flexural resistance (N/mm) (distance between supports 100 mm, crosshead speed 5 mm/min)	0,9	1,6	ISO 178
Bend fracture strength (N) (distance between supports 100 mm, crosshead speed 300 mm/min)	5	13	ISO 178
Rigidity and tear and fold resistance	yes	yes	
Permitted temperatures (°C)	-20 to +90	-20 to +90	
Water, moisture and weather resistance at ambient temperature. Moisture uptake	0.03% in 24hrs and 0.06% in 6 months		
Shock resistance (23 °C and -30 °C) (500 g ball falling from 250 mm)	no damage	no damage	internal
Dimensional variation (h. 22 at 70 °C)	<0,5%	<0,5%	internal

The results obtained and the properties mentioned refer to the average values of the laboratory tests carried out on standard production samples. It is understood that these data do not involve any obligation and/or responsibility on the part of Kaysersberg Plastics. We advise our customers to check that our products are properly suited to their specific final applications. This document does not therefore reiterate the specifications of the products described nor should it in any way be treated as a technical data sheet.

Recommended Inks

This information is only indicative and is non-exhaustive. A test print should be run in all cases. Do not hesitate to contact the suppliers for further information. Digital ink tests are currently underway.

Suppliers	Technique	Inks
MARABU	Silk screen	Maraprop PP Marapoly P Ultraform UV FM170
SERICOL	Silk screen	Polydyne YD+ZC521 Poluscreen PS386+ZV551 Multydyne LY+ZE818 Uviplast UP+ZE832
BRANCHET	Silk screen	Kromoplast range
DUBUIT	Silk screen	Uviplast + 5% hardener ST305

Akylite®