

New!

Akyplen® Litestop

Solid polypropylene sheet with maximum opacity

Simple recto-verso printing



Usable for **all promotional media**, from large advertising posters to customized cards, **Akyplen® Litestop is the optimal solution for all recto-verso printing**, whatever the technique used: offset, inkjet, silk screen and digital.

Its **maximum opacity** prevents any **ghosting effect** and makes **Akyplen® Litestop** the ideal alternative to traditional plastic printing media.

Akyplen® Litestop :

- Thickness from 0.3 mm and **different opacities** depending on density: 1,03, 0,97 and 0,95
- Available in **2 finishes**: sand/sand and sand/gloss
- **Fire classification** according to European norm **B-s2,d0** (equivalent M1) or **B1**, on request
- A **polypropylene sheet quickly available** from our stock of 1.000 x 1.400 mm sheet size

Don't hesitate to test our new Akyplen® Litestop to appreciate its assets. Samples are available on request.



VISUAL
COMMUNICATION

KaysersbergPlastics

a part of DSSmith Plastics



Recommended inks for printing support

This information is only indicative and is non-exhaustive. A test print should be run in all cases. Don't hesitate to contact the suppliers for further information.

Suppliers	Technique	Inks
ARETS GRAPHICS	Offset UV	Primary colour EXC 90400 + Range EXC 20003
SUN CHEMICAL	Offset UV	Primary colour 12 HC293 + Range UV TOPCURE
HOSTMANN-STEINBERG	Offset Offset UV	Range N5030 Primary colour cureLac UC7200 + Range UP 73000 + Varnish UV UC2300
SICPA	Offset Offset UV	TempoPlast Primary colour 12RI806885 + Range UV Sicuraplast 770
BASF	Offset	Range Novaplast
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	Range Kromoplast
DUBUIT	Silk screen	Uviplak + 5% hardener ST305

Digital inks are currently undergoing tests.

General information

	Litestop 103	Litestop 97	Litestop 95
• Standard thicknesses (mm)	0,3 to 0,7	0,3 to 0,7	0,3 to 0.8
• Densities	1,03	0,97	0,95
• Standard sizes (mm)	1 000 x 1 400 800 x 1 200 700 x 1 200	1 000 x 1 400 800 x 1 200 700 x 1 200	1 000 x 1 400 800 x 1 200 700 x 1 200
• Standard colour	white*	white*	white*

* special white with maximum opacity

Other sizes on request.

Light transmission (%)

Thickness (mm)	Litestop 103	Litestop 97	Litestop 95
0,3	<1	<3	
0,4	<0,5	<1,5	
0,5	<0,1	<1	<2
0,7	<0,1	<0,2	
1,0			<0,1

Stock programm

Delivery in 3 working days in France and Germany.

The sheets referenced below are available only in sand/sand finish.

Reference	Thickness (mm)	Dimension (mm)	Sheets per pallet	Kg per pallet
Akyplen Litestop 95				
P900170	0,5	1 000 x 1 400	380	about 250
P900171	0,5	1 000 x 1 400	760	about 500
P900176	0,7	1 000 x 1 400	270	about 250
P900177	0,7	1 000 x 1 400	540	about 500
Akyplen Litestop 103				
P900174	0,3	1 000 x 1 400	500	about 250
P900175	0,3	1 000 x 1 400	1 000	about 500



Thermal properties

Vicat Point	<ul style="list-style-type: none">• ISO 306 (50 N - 50 °C/h) $\approx 65^{\circ}\text{C}$• ISO 306 (10 N - 50 °C/h) $\approx 135^{\circ}\text{C}$
Temperature of deflection under load	<ul style="list-style-type: none">• ISO 75-2 (0,45 Mpa – 120 °C/h) 92°C
Temperature range	<ul style="list-style-type: none">• Maximum operating temperature (materials not subject to mechanical stress) 90°C• Fragile below -10°C.

Standard values for polypropylene taken from the PDL Handbook series "The definitive user's guide and data book", 1998

Elastic properties (ISO 527)

• Breaking strength	= 20 MPa
• Modulus of elasticity	$\approx 1\,200$ MPa

Other properties

• Surface resistance (ASTM D 257)	$> 10^{13}$ Ohm/sq
• Shore hardness (ISO 868)	> 60 Shore D
• Anti-UV and antistatic treatment	on request (except for Non-Fire)
• Fire retardancy (B-s2,d0* or B1)	on request for thicknesses 0.3 to 0.7 mm

* B-s2, d0 is the European classification for which the French equivalent is M1.

Akyplen[®] Litestop

Kaysersberg Plastics product

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