



MAPLON Light

As easy as 1-2-3 - the perfect substrate for all your signage and P.O.S. needs

CHARACTERISTICS

- LT = 0% Total opaque
- 100% Recyclable
- S.G. = 0.60
- High scratch resistant
- High impact
- UV resistance:
1,2,3, years and more
- High chemical resistance
- High heat resistance
- Environment friendly

APPLICATIONS

- Exhibition boards
- P.O.S. & P.O.P.
- Signs & displays
- Wide format
- Digital printing
- Serigraphy
(Screen printing)
- Advertising
- Indoor & outdoor use

STANDARD SIZES

- Size:
4' x 8' (1220 x 2440 mm)
- Thickness:
0.08" & 0.12" (2 & 3 mm)
- 100 sheets per skid - 0.12" thick
- 150 sheets per skid - 0.08" thick

Other Mapal PP Products:

- Super Opaque Sheets
- Flame Retardant Sheets
- Anti-Microbial Sheets
- Anti-Static Sheets
- Sheets for Thermoforming
- Slip Sheets
- Sheets for Solar Panels
- Chairmats
- Gamma Stabilized Sheets
- Digital Printing

*Maplon™ - Registered Trade Mark of Mapal Plastics Ltd



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Product: MAPLON Foamed Sheet type Z

Product

Description: Polypropylene foamed sheet designed for printing

Technical Properties:

Test	Conditions	Result
Tensile properties (ISO 527-2)		
Tensile strength at yield*	MD/TD 73° F (23° C)	15-17 MPa
Elongation at break*	MD/TD 73° F (23° C)	13%
Flexural modulus* (ISO 178)	MD/TD 73° F (23° C)	1200 MPa
Hardness Shore D	In House	50-55

Thermal Properties:

Vicat softening point (ASTM D1525)		293° F (145° C)
Heat distortion Temp. (ASTM D648)		185° F (85° C)

General Properties:

Specific gravity		0.6 gr./cm ³
Surface energy (up to 12 months guarantee)		Minimum 42 dynes/cm

*Tests were made on 2 mm thickness sheets

Production specification:

Sheet Properties	Requested Value	Production Tolerance
Thickness	0.08" and 0.12" (2 and 3 mm)	+/-0.006" (+/- 0.15 mm)
Width	48" (1220 mm)	0/+ 0.27" (0/+ 7mm)
Length	96" (2440 mm)	0/+ 0.27" (0/+ 7mm)
Light transmittance	0%	
Color	White 055	
Embossing	Matt/Quartz	

Storage:

The material must be stored in a dry shaded place at a temperature no more than 77° F (25° C)

The information given in this publication is true and accurate to the best of our knowledge. The numeric values presented are typical values obtained by testing laboratory samples. This publication is not intended as a legally binding assurance, since many factors may affect product properties during processing. The users should perform their own tests in order to ascertain the suitability to a specific application. Also, it is the users' responsibility to ensure that their specific use does not constitute an infringement of any patent or law.



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