



## Technical Product Information

**Product name:**      **MAPLON Light**

**Product Description:**      Polypropylene foamed sheet designed for printing processes.(MAPAL guarantees proper surface for printing for one year.)

**Applications:**      Portable displays, POS displays, Signage, Exhibition boards, Advertising.

### 1. Technical Properties:

Test	Conditions	Result
<b>Tensile properties (ISO 527-2)</b>		
Tensile strength at yield*	MD 23° C TD	110 MPa
Flexural modulus* (ISO 178)	MD 23° C TD	1030 MPa
Impact Charpy (ISO 179)		3 kJ/sqm
Hardness Shore D (ISO 7619)	23° C	60

#### **Thermal properties**

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

#### **General Properties**

Specific gravity		0.6 gr./cm <sup>3</sup>
Surface Energy (up to 12 months guarantee)		Minimum 42 dynes /cm

\* Tests were made on 3 mm. thickness sheets.

### 2. Production specification.

Sheet Properties	Requested value	Production Tolerance
Thickness	1.5 – 3.5 mm	+0.05 / - 0.15 mm
Width	Max 1220 mm	0 mm/ + 7 mm
Length	Max 2440 mm	0 mm/ + 7 mm
Light transmittance	0-1%	
Color	White 055/050	
Embossing	Matt/Quartz	

### 3. Storage

The material must be stored in a dry shaded place, at a temp. up to 25 ° C.  
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