

Product Description: A multipurpose PP foam Total Opaque and 100% recyclable sheet specially designed for printing.

The PolyCraft sheet has a shelf life of 12 months for printing and gluing purposes. (MAPAL guarantees the corona treatment value-surface tension-for 12 months from production date).

Our products are UV resistant so they can be used for Outdoor applications. White and black sheets have a standard one year Outdoor Warranty against yellowing, discoloring or fading. For custom programs, we have the ability to extend our Outdoor Warranty up to 5 years, if discussed in advance.

Applications: Offset, Silk Screen printing, UV digital printing as well as packaging.

Approvals: The PolyCraft sheets comply with European Directive 2011/65/EU (RoHS 2) and European Regulation 1907/2006 (REACH Review 2017).

1. Technical Properties

Test	Conditions	Result
Tensile properties (ISO 527-2)		
Tensile strength at yield*	MD 23°C	110 MPa
Flexural Modulus* (ISO 178)	TD MD 23°C	1030 MPa
Impact Charpy*(ISO 179)	TD	3kJ/sqm
Thermal properties		
Vicat softening point (ASTM D1525)		145°C
Heat distortion Temp. (ASTM D648)		85°C
Specific gravity		0.6 gr/cm ³
Surface Energy		Min. 42 dynes/cm

* Tests were made on 3 mm thick sheets.

2. Production Specifications

Sheet Dimensions	Value	Tolerances
Thickness	2 - 3.5 mm	+ 0.25 / - 0.25 mm
Width	Max 48" (1220 mm)	0/+7 mm (0.27")
Length	Max 96" (2440 mm)	0/+7 mm (0.27")
LT	0 %	0 - 0.1%
Embossing	Sand/Sand	
Color	White 050	
Standard Configuration	Sheets	

3. Storage

The material must be stored in a dry shaded place, at a recommended temperature of 20° C up to 25° C at least 24 hours before printing or other processing of the sheets.

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



Technical Data Sheet

PolyCraft Sheet

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.

