



Technical Product Information

Product: Polypropylene MAPLON coated sheets formulated for INDIGO Digital Printing. Coating allows good adhesion of ink to polypropylene sheet.
 Cost effective alternative to other plastics and substrates
 One-year shelf life.

Reference Code: White-NA+P6; Clear-OA+P6

Applications: INDIGO Digital printing.
 Signage, Packaging and Labels

MAPLON SHEETS FOR INDIGO - Technical Properties

Test	Condition	Result
Tensile properties (ASTM D638)		
Tensile strength at yield*	MD 23°C	29 N/mm ²
	TD	Clear: 27 N/mm ² White: 27 N/mm ²
Tensile strain at yield*	MD 23°C	Clear: 22% White: 18%
	TD	Clear: 18% White: 14%
Young's modulus*	MD/TD 23°C	350 N/mm ²
Izod impact (ASTM D256)**	23°C	Clear: 80 J/m White: 110 J/m
	0°C	40 J/m 50 J/m
Flextural Modulus	23°C	1278 MPa
Thermal properties		
Vicat softening point, (ASTM D1525)		145° C
Heat distortion Temp., (ASTM D648)		85° C
Specific gravity		~0.91 gr/cm ³
Surface energy		min. 48 dynes/cm

*Tests were made on 0.7mm thick sheets. **Tests were made on 3.2mm thick sheets

MAPLON SHEETS FOR INDIGO - Production Specification

Sheet Dimensions	Value	Production Tolerance
Thickness	0.2 mm - 1.6 mm 1.6 mm - 2.0 mm	+0.02 mm - 0.05 mm ±0.06 mm
Embossing	Mapal Embossing Catalogue	
Standard Dimensions	450 x 320 mm	Other dimensions available on request

Storage: The material must be stored in a dry shaded place at a temperature not exceeding 25°C

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





Coated MAPLON for INDIGO Digital Printing



- ▶ Coated polypropylene sheets especially developed for Indigo Digital Printing technology
- ▶ Excellent adhesion of ink to substrate
- ▶ Ideal for packaging
- ▶ Ideal for signage and labels
- ▶ Successfully passed HP Indigo Certification Program for HP-5500



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