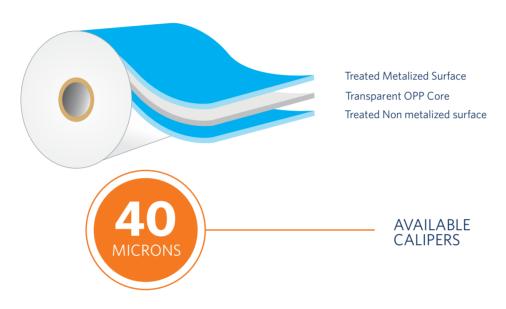
TOPPAN

M40TTI275PSL

BOPP FILMS

METALIZED BOTH SIDES CORONA TREATED BOPP FOR LABELLING CONVERSION



DESCRIPTION

M40TTI275PSL is metalized **BOPP** specially designed for pressure sensitive label conversion. Its metalized surface is corona treated for adhesives and non-metal side is corona treated for printing conversion. (Refer Coating & Lamination guidelines as mentioned on page 2).

PRODUCT FEATURES

- Robust machinability
- Excellent anti-static properties
- Excellent metal adhesion
- Excellent metallic appearance
- Excellent web flatness

APPLICATIONS

- Labels

0
\sim
>
Щ
Œ
\geq
ISSUE 1/
ب
က္က
22
_
$^{\circ}$
-2023
\approx
\equiv
\mathcal{I}
23-01
ш
\exists
. UPDATE
מ
5
_
S
#
_``

	PROPERTIES	POSITION	M40TTI275PSL	UNIT	METHOD	
GENERAL	Nominal Thickness	-	40.0	μ	Internal Method	
	Density	-	0.91	g/cc	Internal Method	
	Grammage	-	36.4	g/m²	Internal Method	
	Yield	-	27.5	m²/kg	Internal Method	
OPTICAL	Optical Density	-	2.7	%	Internal Method	
SURFACE	COF	Non metal / Non metal	0.25-0.35	-	ASTM D 1894	
SUR	Wetting tension	Treated side	38*	dyne/cm	ASTM D 2578	
MECHANICAL	Tensile Strength (at break)	- MD - TD	1200 2600	kg/cm²	ASTM D 882	
	Elongation (at break)	- MD - TD	190 60	%	ASTM D 882	
	Elastic Modulus	- MD - TD	18000 30000	kg/cm²	ASTM D 882	
THERMAL	Linear Shrinkage	- MD - TD	4 2	%	ASTM D 1204	

^{* 38} dynes guranteed for 3 months from the invoice date in controlled ambient condition as per below storage guidelines.

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

GUIDELINES FOR STORAGE

Temperature should preferably be less than 30° C & humidity $55\pm5\%$ in storage areas and material should be consumed with three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

PRINTING, COATING & LAMINATION

Online corona treatment or primer coating is strongly recommended on metalized surface before processing the material. Non metalized corona treated surface can normally be printed with solvent based inks. Other ink formats can also be done but with appropriate primers/coatings.

FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).