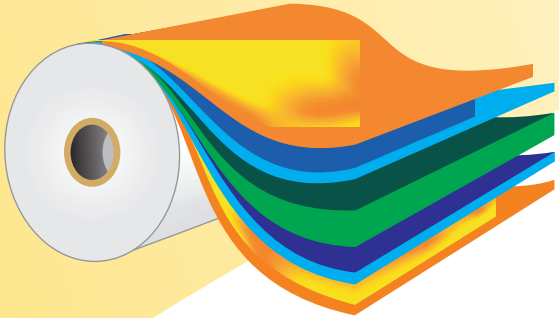
COSMO FILMS

COSMOPHANE™ Technical Data Sheet

Print Recptive Coated Matte White Label

076 C1033 (PR) M

Structure



- Print receptive coated matte OPP layer
- Inter layer
- Cavitated white pigmented OPP core
- Inter layer
- Treated glossy OPP layer

Description

It is a cavitated white opaque bi-axially oriented polypropylene film with one side treated Gloss surface and other side print receptive coated matte surface.

Features

- Wide compatibility with ink system (uv, water based and solvent based etc.)
- Excellent printability with thermal transfer printing with resin based ribbon.
- Print receptive coated surface for excellent ink adhesion and high speed press performance
- Spectacular print performance across wide variety of printing process (flexography, gravure, offset, silkscreen and hot or cold foiling etc.)
- Corona treated gloss surface suitable for adhesive receptivity
- Superior performance of print surface in humid environment
- Excellent machinability
- High stiffness for conversion and dispensing
- Matte on printing side
- Super whiteness and high opacity
- Good antistatic properties

Typical Values

Properties	Position	Units	Astm # / Test Method	076 C1033 (PR) M
Physical Data				
Average Thickness		micron	D-374-C	76
Thickness Variation		% (±)		5
Average Substance		g/m^2		53.3
Wettability (min.)	Uncoated side	dynes/cm	D-2578	38
Yield		m^2/kg	D-4321	18.76
Optical Data				
Gloss (45 °)	Coated side	gardner	D-2457	< 10
Opacity		%	Hunter Lab(D25-2CR)	> 83
Whiteness Index		%	E-313	> 85
Mechanical Data				
Tensile Strength	MD	kg/ cm^2	D-882	700 - 900
	TD			1100 - 1500
Elongation	MD	%	D-882	130 - 160
	TD			30 - 60
Thermal Data				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4
	TD			1 - 2

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

Updated as on Nov-2014

Applications

- Self adhesive labels for cosmetics, pharmaceutical, beverages etc.
- Recommend to use 76 micron coated label for better dispensing of bigger size label.
- 76 micron label after lamination with release liner, suitable as digital UV printable PP media for indoor applications.
- Wrap-around (Cut n Stack) Label.

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