

Pressure Sensitive Label Facestock Film White Opaque Cavitated, Top Coated (UPAi) C1005(UPAi) HO

Structure



Description

A superb white opaque cavitated Bi-axially Oriented Polypropylene film with one side treated matte surface and other side coated glossy surface.

Features

- Superb whiteness and high opacity
- Wide compatibility with ink system (UV, water based etc.)
- Print receptive coated surface for excellent ink adhesion and high speed press performance
- Spectacular print performance across wide variety of printing process (flexography, UV offset, TT Printing, silkscreen, Letter press, Foiling etc.)
- Corona treated matte surface suitable for adhesive receptivity
- Superior performance of print surface in humid environment
- High stiffness for conversion and dispensing
- High gloss on printing side and matte on the other side
- Good antistatic with low COF against glassine liner

Applications

- Pressure sensitive labeling

Typical values

Properties	Ref.	Units	ASTM# / Test Method	C1005(UPAi) HO			
Physical Data							
Average Thickness		Micron	D-374-C	51	58	61	66
		Gauge		204	232	244	264
		Mils		2.0	2.3	2.4	2.6
Thickness Variation		%(±)		5			
Average substance		g/m ²		35.6	40.5	42.5	46
Kinetic COF	CS-L		D-1894	0.30-0.40			
Yield		m ² /Kg	D-4321	28	24.7	23.5	21.7
		in ² /lb		19686	17365	16522	15256
Optical Data							
Gloss (45°)		Gardner	D-2457	>60			
Opacity		%	Hunter Lab D25-2CR	>85			
Whiteness Index		%	E-313	>83			
Mechanical Data							
Tensile Strength	MD	kg/cm ²	D-882	650-850			
	TD			1400-1800			
Elongation	MD	%	D-882	140-200			
	TD			30-70			
Thermal Data							
Shrinkage (120°C/248 °F, 5 min)	MD	%	D-1204	2.0-4.0			
	TD			1.0-3.0			

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

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