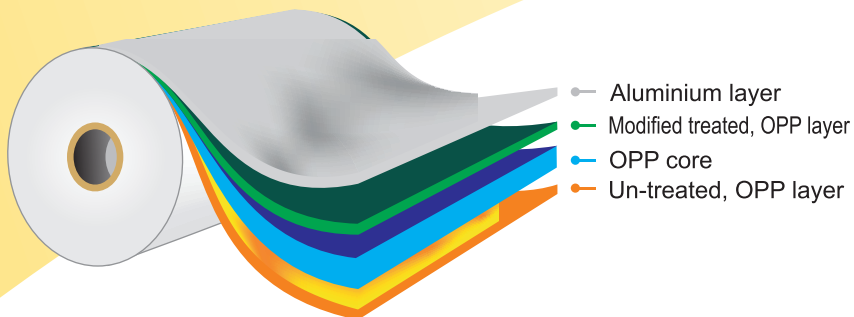


Non-heat Sealable Metallised Film

PCT-1 (M0)

Structure



Description

It is a co-extruded, plain and one side metallised and other side untreated Bi-axially Oriented Polypropylene film.

Features

- Good Metal anchorage
- Good Gloss
- Good oxygen & moisture barrier

Applications

- For decorative lamination with paper.

Typical Values

Properties	Ref.	Units	Astm # / Test Method	PCT-1 (M0)			
Physical Data							
Average Thickness		micron	D-374-C	8	9	10	12
		gauge		31.50	35.43	39.37	47.24
		mils		0.31	0.35	0.39	0.47
Thickness Variation		% (±)		3			
Density		g/cc		0.905			
Average Substance		g/m²		7.24	8.15	9.05	10.86
Kinetic COF	UT-UT		D-1894	0.25 – 0.40			
Yield		m²/kg	D-4321	138.12	122.77	110.50	92.08
Optical Data							
Optical Density			CTM	1.7 - 1.8			
Mechanical Data							
Tensile Strength	MD	kg/ cm²	D-882	1100 - 1300		1200-1500	
	TD			2400 - 2700		2400-2800	
Elongation	MD	%	D-882	130 - 180			
	TD			30 - 80			
Thermal Data							
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	3.5 – 5.5			
	TD			1 - 3			
Barrier Data							
MVTR (38°C, 90%RH)		g/m²/24h	F-1249	<1.0			

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.

Cosmo Films Limited

B-14/8-9, MIDC, Waluj, Aurangabad 431136 (MS) India. T : +91 240 2554611-14 E : info.abad@cosmofilms.com
Corp. Office : 1008, DLF Tower - A, Jasola District Center, New Delhi 110 025 India. T : +91 11 4949 4949 / 34 E : info.del@cosmofilms.com