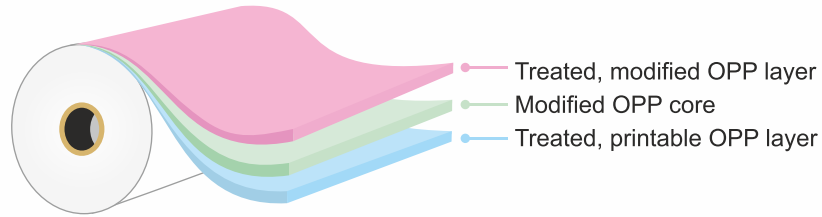


Printing and Lamination Film

PP (TeploR-NG)

Provisional Data Sheet

Structure



Description

It is a co-extruded, plain, both side treated and out side high heat resistance Bi-axially Oriented Polypropylene film.

Features

- Excellent printability at high speed
- High heat resistance (upto 185°C*)
- Good ink adhesion
- Good antistatic

Applications

- Used as a reverse printed top layer into multilayer laminate to replace PET for sustainable packaging applications.

Properties	Ref.	Units	ASTM # / Test Method	PP (TeploR-NG)
Physical Data				
Average Thickness		micron	D-374-C	18
		gauge		72
		mils		0.7
Thickness Variation		% (±)		3
Density		g/cc		0.905
Average Substance		g/m ²		16.3
Surface tension (min.)		dynes/cm	D-2578	38
Kinetic COF	NPS - NPS		D-1894	< 0.35
Yield		m ² /Kg	D-4321	61.3
Optical Data				
Gloss (45 °)		gardner	D-2457	> 94
Haze		%	D-1003	2.5 -3.5
Mechanical Data				
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1600
	TD			2800 - 3300
Elongation	MD	%	D-882	140 - 190
	TD			40 - 80
Thermal Data				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	3.0 - 5.0
	TD			2.0 - 4.0

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

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.

Note: NPS is Non Printing Side
*As Per CTM

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