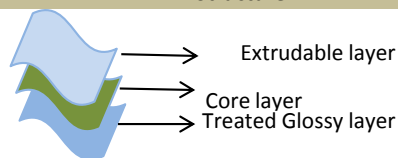


Thermal Lamination Base Glossy BOPP Film ATLP-I

Film Structure

Product Description

It is one side plain corona treated and other side Extrudable Bi-axially oriented polypropylene film.

Product Features

- Extrudable layer one side
- Good mechanical properties
- Good moisture barrier
- Good antistatic and slip properties
- Standard Thickness (12 to 15 μ)

Applications

- For Thermal Lamination

Technical Data

Properties	Reference	Unit	Test Method	Typical Values
PHYSICAL				
Average Thickness		μm	ATM	12 13 15
Unit Weight		g/m^2		10.9 11.8 13.6
Yield		m^2/kg		92.1 85.0 73.7
Thickness Variation		$\pm \%$		3
Density		g/cc		0.905
OPTICAL				
Gloss (45 ⁰)	Glossy	gardner	D-2457	94-97
	Matte			NA
Haze		%	D-1003	1.2 - 2.5
SURFACE TENSION				
Treatment level (Min)		dyne/cm	D-2578	42
MECHANICAL				
COF (Kinetic - max)	T/T		D-1894	0.25 - 0.35
Tensile Strength	MD	kg/cm^2	D-882	1200-1500
	TD			2400-2800
Elongation	MD	%	D-882	140-180
	TD			40-70
THERMAL				
Shrinkage (120 ⁰ C, 5 Min)	MD	%	D-1204	2.0-4.0
	TD			0.5-2.5
Sealing strength (120 ⁰ C/2Bar/1Sec)	NT/NT	g/cm	ATM	250-270
Seal Initiation temperature	NT/NT	⁰ C	ATM	90-110
Barrier Properties				
WVTR (38 ⁰ C & 90% RH)		$\text{g}/\text{m}^2/\text{day}$	ASTM F 1249	NA
OTR (23 ⁰ C & 0% RH)		$\text{cc}/\text{m}^2/\text{day}$	ASTM D 3985	NA

Disclaimer: The information provided above is based on ASIA POLY FILMS INDUSTRIES'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.

ATM: Asia Test Method MD: Machine Direction TD: Transverse Direction NA: Not Applicable

Asia Poly Films Industries

Plant and registred office Address :

Survey No. 462, Bhimnath Mahadev road , Morbi - Rajkot highway , at Lajai - 363641 Morbi , Gujarat , India

Tel : (+91) 9726195326

Email ID: Info@asiapolyfilms.com