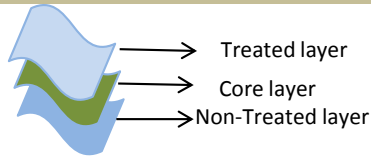


Non-Heat Sealable Clear BOPP Film APCT-I

Film Structure



Product Description

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

Product Features

- High gloss and good clarity
- Excellent machinability
- Good printability
- Back treatment free
- Standard Thickness (18 TO 55 μ)

Applications

- Textile overwrap
- Pressure sensitive tape

Technical Data

Properties	Reference	Unit	Test Method	Typical Values													
PHYSICAL																	
Average Thickness		μ m	ATM	21	23	25	28	32	33	37	40	45	50	51	55		
Unit Weight		g/m^2		19.0	20.8	22.6	25.3	29.0	29.9	33.5	36.2	40.7	45.3	46.2	49.8		
Yield		m^2/kg		52.6	48.0	44.2	39.5	34.5	33.5	29.9	27.6	24.6	22.1	21.7	20.1		
Thickness Variation		\pm %		3													
Density		g/cc	0.905														
OPTICAL																	
Gloss (45 ⁰)	Glossy	gardner	D-2457	92-97													
	Matte			NA													
Haze		%	D-1003	1.2-2.2													
SURFACE TENSION																	
Treatment level (Min)		dyne/cm	D-2578	38													
MECHANICAL																	
COF (Kinetic - max)	NT/NT		D-1894	0.45													
Tensile Strength	MD	kg/cm^2	D-882	1200-1600													
	TD			2700-3100													
Elongation	MD	%	D-882	150-210													
	TD			50-80													
THERMAL																	
Shrinkage (120 ⁰ C, 5 Min)	MD	%	D-1204	2.0-4.0													
	TD			0.5-2.5													
Sealing strength (130 ⁰ C/1Bar/0.5Sec)	NT/NT	g/cm	ATM	NA													
Seal Initiation temperature	NT/NT	⁰ C	ATM	NA													
Barrier Properties																	
WVTR (38 ⁰ C & 90% RH)		$g/m^2/day$	ASTM F 1249	5.5	5.3	4.5	4.3	4.0	3.5	3.2	3.1	3.0	2.8	2.5	2.1		
OTR (23 ⁰ C & 0% RH)		$cc/m^2/day$	ASTM D 3985	1750	1600	1550	1450	1400	1350	1300	1270	1250	1200	1150	1100		

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

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