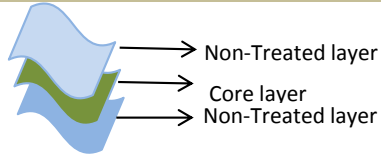


## Release Grade Clear BOPP Film APCT-0

### Film Structure



### Product Description

It is plain, both side Untreated, high glossy Bi-axially oriented polypropylene film.

### Product Features

- High gloss and good clarity
- Excellent Antistatic Characteristics
- Excellent Dimensional Stability
- Standard Thickness (18 TO 55  $\mu$ )

### Applications

- Release Liner for Decorative Laminates

### Technical Data

Properties	Reference	Unit	Test Method	Typical Values											
<b>PHYSICAL</b>															
Average Thickness		$\mu$ m	ATM	21	23	25	27	31	33	37	40	45	50	51	55
Unit Weight		g/m <sup>2</sup>		19.0	20.8	22.6	24.4	28.1	29.9	33.5	36.2	40.7	45.3	46.2	49.8
Yield		m <sup>2</sup> /kg		52.6	48.0	44.2	40.9	35.6	33.5	29.9	27.6	24.6	22.1	21.7	20.1
Thickness Variation		$\pm$ %		3											
Density		g/cc		0.905											
<b>OPTICAL</b>															
Gloss (45 <sup>0</sup> )	Glossy	gardner	D-2457	94-97											
	Matte			NA											
Haze		%	D-1003	1.0-2.0											
<b>SURFACE TENSION</b>															
Treatment level (Min)		dyne/cm	D-2578	NA											
<b>MECHANICAL</b>															
COF (Kinetic )	NT/NT		D-1894	0.35 - 0.45											
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1200-1600											
	TD			2700 - 3100											
Elongation	MD	%	D-882	150 -210											
	TD			50 - 80											
<b>THERMAL</b>															
Shrinkage (120 <sup>0</sup> C, 5 Min)	MD	%	D-1204	2.0-4.0											
	TD			0.5-2.5											
Sealing strength (130 <sup>0</sup> C/1Bar/0.5Sec)	NT/NT	g/cm	ATM	NA											
Seal Initiation temperature	NT/NT	<sup>0</sup> C	ATM	NA											
<b>Barrier Properties</b>															
WVTR (38 <sup>0</sup> C & 90% RH)		g/m <sup>2</sup> /day	ASTM F 1249	NA											
OTR (23 <sup>0</sup> C & 0% RH)		cc/m <sup>2</sup> /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

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