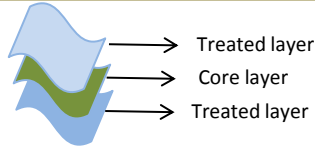


High COF Glossy BOPP Film APCT-II (HCF)

Film Structure



Product Description

It is plain, both side corona treated Bi-axially oriented polypropylene film.

Product Features

- High gloss and good clarity
- Excellent machinability
- Good Antistatic
- Low haze
- Standard Thickness (18 TO 20 μ)

Applications

- High gloss lamination with printed and un-printed paper and paper board.
- For Carton lamination

Technical Data

Properties	Reference	Unit	Test Method	Typical Values					
PHYSICAL									
Average Thickness		μm	ATM	10	12	13	15	18	20
Unit Weight		g/m^2		9.1	10.9	11.8	13.6	16.3	18.1
Yield		m^2/kg		110.5	92.1	85.0	73.7	61.4	55.2
Thickness Variation		$\pm \%$		3					
Density		g/cc		0.905					
OPTICAL									
Gloss (45°)	Glossy	gardner	D-2457	90-97					
	Matte			NA					
Haze		%	D-1003	1.0-2.0					
SURFACE TENSION									
Treatment level (Min)	Both side	dyne/cm	D-2578	38					
MECHANICAL									
COF (Kinetic - min)	Low CT side		D-1894	0.50					
Tensile Strength	MD	kg/cm^2	D-882	1200-1500					
	TD			2300-2800					
Elongation	MD	%	D-882	130-180					
	TD			30-80					
THERMAL									
Shrinkage (120°C, 5 Min)	MD	%	D-1204	2.0-4.0					
	TD			0.5-2.5					
Sealing strength (130°C/1Bar/0.5Sec)	NT/NT	g/cm	ATM	NA					
Seal Initiation temperature	NT/NT	$^{\circ}\text{C}$	ATM	NA					
Barrier Properties									
WVTR (38°C & 90% RH)		$\text{g}/\text{m}^2/\text{day}$	ASTM F 1249	9.0	8.5	8.0	7.5	6.5	5.5
OTR (23°C & 0% RH)		$\text{cc}/\text{m}^2/\text{day}$	ASTM D 3985	2300	2200	2100	2050	1850	1750

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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