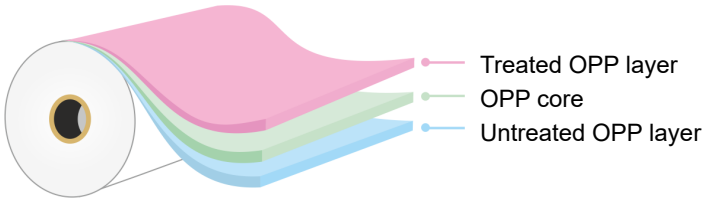
Textile Bag Films Transparent, High Clarity

PCT-1(HCL)

COSMO FILMS Engineered to Enhance

Technical Data Sheet

Structure



Description

It is a co-extruded, plain, one side corona treated and other side untreated Bi-axially Oriented Polypropylene film.

Features

- High gloss and good clarity
- Excellent machinability
- Good printability
- Back Treatment Free
- Excellent anchorage to various pressure sensitive
- adhesive or printing inks

Applications

- Textile Overwrap
- Pressure Sensitive Tapes

Typical values

Properties		Ref.	Units	ASTM#/ Test Method	PCT-1(HCL)							
Physical Data												
Average Thickness		Micron	D-374-C	22	23	25	28	29	29	35	38	40
		Gauge		88	92	100	112	116	116	140	152	160
		Mils		0.88	0.92	1.00	1.12	1.16	1.16	1.40	1.52	1.60
Thickness Variation		%(±)		3								
Density		g/cc		0.905								
Average substance		g/m²		19.9	20.8	22.6	25.3	26.2	27.2	31.7	34.3	36.2
Surface Tension(min)		dynes/cm	D-2578	38								
Kinetic COF	UT-UT		D-1894	0.35 - 0.45								
Yield		m²/Kg	D-4321	50.3	48.1	44.2	39.5	38.2	36.8	31.5	29.2	27.6
		in²/lb		35330	33801	31109	27789	26835	25848	22179	20498	19422
Optical Data												
Gloss (45º)		Gardner	D-2457	>95								
Haze		%	D-1003	1.0-1.5								
Mechanical Data												
Tensile Strength	MD	kg/cm²	D-882	1200-1600								
	TD			2500-3000								
Elongation	MD	%	D-882	150-190								
	TD			30-80								
Thermal Data												
Shrinkage (120ºC/248 ºF,5 min)	MD	%	D-1204	2.0-4.0								
	TD			0.5 -2.0								

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

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

Storage condition : Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.

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