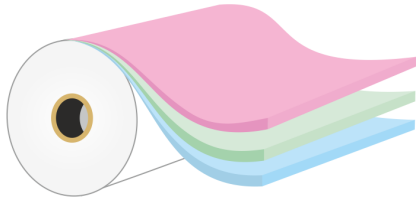


Release Film

PCT-0

Structure



- Modified OPP layer for good release
- Additive modified OPP Core
- Modified OPP layer for good release

Description

It is a co-extruded, plain, untreated Bi-axially Oriented Polypropylene film with low surface energy.

Features

- Good release properties
- Good surface smoothness
- Good thermal stability

Applications

- High pressure, decorative lamination

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-0				
Physical Data								
Average Thickness		Micron	D-374-C	12	17	20	23	28
		Gauge		48	68	80	92	112
		Mils		0.5	0.7	0.8	0.9	1.1
Thickness Variation		%(\pm)		3				
Density		g/cc		0.905				
Average substance		g/m ²		10.8	15.3	18.1	20.8	25.3
Kinetic COF	F-F		D-1894	0.30-0.40				
Yield		m ² /Kg	D-4321	92.0	65.0	55.2	48.0	39.4
		in ² /lb		64682	45699	38809	33747	27700
Optical Data								
Gloss (45°)		Gardner	D-2457	>90				
Haze		%	D-1003	1.0 - 2.0				
Mechanical Data								
Tensile Strength	MD	kg/cm ²	D-882	1200-1500				
	TD			2400-2800				
Elongation	MD	%	D-882	140-200				
	TD			30-80				
Thermal Data								
Shrinkage (120°C/248 °F, 5 min)	MD	%	D-1204	2.0-4.0				
	TD			1.0-3.0				

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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