

Printing & Lamination Film

PCT-1(TGN)

Structure



Description

It is a co-extruded, plain, one side treated and other side PE compatible surface, Bi-axially oriented polypropylene film.

Features

- Excellent hot slip properties
- Excellent machinability
- Excellent printability
- good lamination bond
- PE compatible skin allows to seal with PE layer

Applications

Used as a reverse printed top layer in multilayer laminates for snack food, bakery & confectionery packaging application.

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(TGN)
Physical Data				
Average Thickness		Micron	D-374-C	12
		Gauge		48
		Mils		0.5
Thickness Variation		%(±)		3
Density		g/cc		0.905
Average substance		g/m ²		10.86
Surface Tension(min)		dynes/cm	D-2578	38
Kinetic COF	T-T		D-1894	0.25 - 0.35
Yield		m ² /Kg	D-4321	92.1
		in ² /lb		64739
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1100 - 1300
	TD			2400 - 2800
Elongation	MD	%	D-882	130 - 180
	TD			30 - 80
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0 - 5.0
	TD			1.0 - 3.0

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction T-T : Treated side (Film-Film)

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.

Note : Kinetic COF in Ref - Treated side (Film-Film)