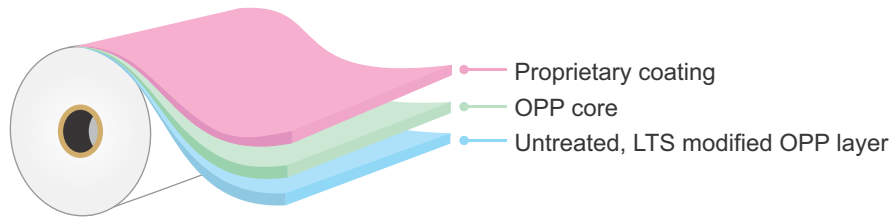


Coated Film

Transparent, High Oxygen & Moisture Barrier

C1070 (TB)

Structure



Description

One side coated, clear Bi-axially Oriented Polypropylene film and designed for transparent barrier application.

Features

- Excellent machinability
- High transparency & Good gloss
- Printable & heat sealable
- Solvent & Chlorine free coating
- Excellent dimensional stability and stiffness
- Excellent barrier to oxygen & moisture
- Excellent aroma barrier

Applications

- Mono layer film applications for HFFS & VFFS
- Bakery, Nuts, confectionary, nutritional bars, snacks, etc.

Typical Values

Properties	Ref.	Units	ASTM # / Test Method	C1070 (TB)
Physical Data				
Average Thickness		micron	D-374-C	25
		gauge		100
		Mils		1.0
Thickness Variation		% (±)		3
Average Substance		g/m ²		22.63
Kinetic COF	UT - UT		D-1894	0.3 - 0.4
Yield		m ² /kg	D-4321	44.18
		in ² /lb		31061
Optical Data				
Gloss (45 °)		gardner	D-2457	> 85
Haze		%	D-1003	2.0 - 2.5
Mechanical Data				
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500
	TD			2400 - 2800
Elongation	MD	%	D-882	140 - 180
	TD			40 - 80
Thermal Data				
Heat Seal Range (2.0 bar, 0.5s)	UT	°C / °F	CTM	85 - 140 / 185 - 284
Heat Seal Strength (130 °C, 2.0 bar, 0.5s)	UT - UT	g/in	CTM	450 - 500
Barrier Data				
MVTR (38°C, 90%RH)		g/m ² /day	F-1249	<3.5
MVTR (100 °F, 90%RH)		g/100in ² /day		<0.22
OTR (23°C, 0%RH)		cc/m ² /day	D-3985	<3.5
OTR (74 °F, 0%RH)		cc/100in ² /day		<0.22

Cosmo Films Limited