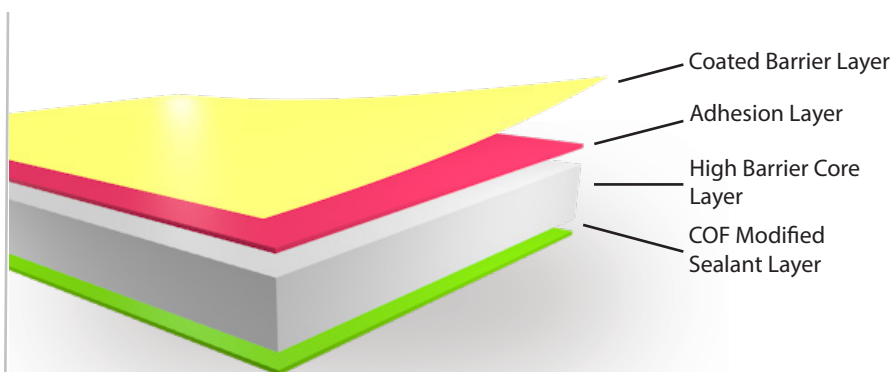


TORAYFAN[®] CBC2

Applications

- Confections
- Snacks
- Bakery
- Pet Food
- Ag/chem
- Medical



Torayfan CBC2

TRANSPARENT BARRIER
COATED, ONE SIDE HEAT
SEALABLE BOPP FILM

Summary

One side coated and one side heat sealable Bi-Axially Oriented Polypropylene film with excellent moisture and oxygen barrier. Slip package is added to the sealant for low and consistent COF designed as the outside print web for clear VFFS packages.

Technical Data *

PROPERTIES	METHOD	UNITS	TYPICAL VALUES	
Thickness	-	0.00001"	70	80
Nominal Yield	-	in ² /lb	44,000	38,300
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			45,500
Young's Modulus	MD	ASTM D882	lb/in ²	350,000
	TD			600,000
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.34
			μ_d	0.26
Haze (1 sheet)	ASTM 1003	%	2.5	2.5
Wetting Tension - Coated Side	ASTM D2578	dyne/cm	60	60
Heat Seal Strength @ 250°F	1	g/in	330	330
Seal Initiation Temp (>200g/in)	1	°F	210	210
MVTR - 100°F, 90% RH	ASTM F1249	g/100in ² /day	0.22	0.20
O ₂ Barrier - 73°F, 0% RH	ASTM D3985	cc/100in ² /day	0.25	0.25

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated

**The product described is covered by one or more of the following patents or patents pending:
US 6844078, EP 1474289, EP 14874113.5, US 9624020**

Important Notes

- The Ultra Barrier Layer should be primed before extrusion lamination
- The Ultra Barrier Layer is not approved for direct contact with food. The surface must be buried in a lamination or through extrusion coating
- The Ultra Barrier Layer is suitable for solvent-based inks. Water-based inks should be avoided.

Key Features

- Oxygen barrier on par with MOPP
- 50% improvement in moisture barrier
- Alternative to PVdC coated OPP
- Low COF sealant
- Improved oil resistance
- Increased puncture resistance

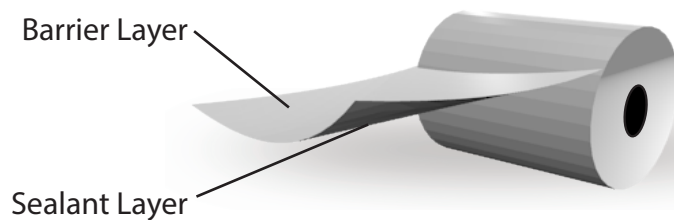
Similar Products

- CBC
- CBS2

Typical Structures

- CBC2/ink/PE or ADH/F71W
- CBC2/ink/PE or ADH/CBS2 - for superior barrier
- O.L./ink/CBC2

Winding Direction



* These values do not constitute specific binding specifications

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