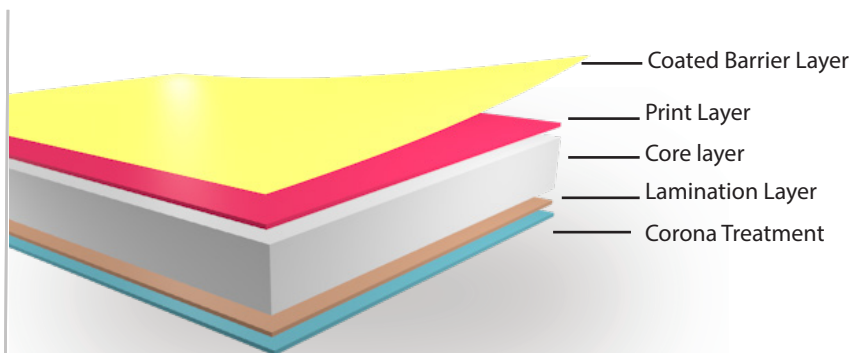


TORAYFAN[®] CBP2

Applications

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



Torayfan CBP2

TWO SIDE TREATED, NON
SEALABLE TRANSPARENT
BOPP FILM

Summary

Two side treated: one side Ultra High Surface Energy (UHSE), one side corona Bi-Axially Oriented Polypropylene. Modified COF on non-UHSE side (non-migratory). Barrier coated for excellent moisture and oxygen barrier. Designed as the outside print or buried web for clear packaging applications requiring excellent moisture barrier.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	micron	20
Nominal Yield		-	m ² /kg	54
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			300
Young's Modulus	MD	ASTM D882	MPa	2,400
	TD			4,100
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.36
			μ_d	0.31
Haze (1 sheet)		ASTM 1003	%	2.5
Wetting Tension - Coated Side		ASTM D2578	dyne/cm	60
Wetting Tension - Corona Side		ASTM D2578	dyne/cm	41
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	3.1
O ₂ Barrier - 23°C, 0% RH		ASTM D3985	cc/m ² /day	3.9

The product described is covered by one or more of the following patents or patents pending:
US 6844078, EP 1474289, EP14874113.5, 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

- Excellent moisture & oxygen barrier
- Alternative to PVdC coated OPP
- 2 side treated with low COF slip - non migratory
- Improved oil resistance
- Increased puncture resistance
- Increased stiffness

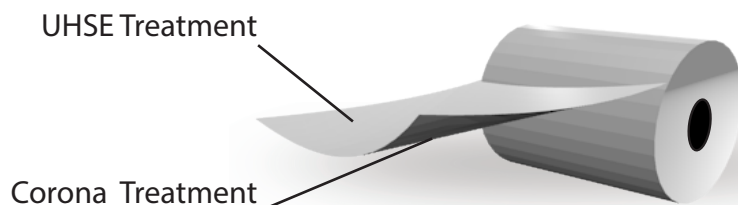
Similar Products

- CBS2
- CBC2

Typical Structures

- CBP2/ink/PE or ADH/F71W
- CBP2/ink/PE or ADH/CBS - for enhanced MVTR
- PET/ink/PE/CBP2/PE
- O.L./ink/CBP2/Patterned Cold Seal
- O.L./ink/Paper/PE/CBP2/PE - metal detection

Winding Direction



* These values do not constitute specific binding specifications

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