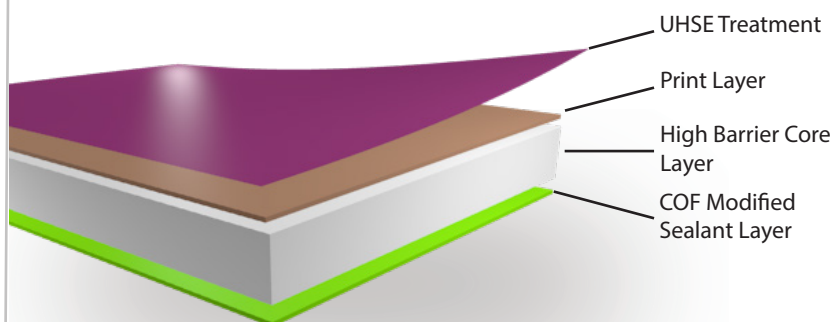


# TORAYFAN<sup>®</sup> CBC

## Applications

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



Torayfan CBC

ONE SIDE TREATED, ONE  
SIDE HEAT SEALABLE  
TRANSPARENT BOPP FILM

## Summary

One side treated Ultra High Surface Energy (UHSE), one side heat sealable Bi-Axially Oriented Polypropylene film providing excellent moisture barrier. Slip package added to sealant for low and consistent COF. Designed as the outside print web for clear high moisture barrier, VFFS packages.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	micron	20
Nominal Yield		-	m <sup>2</sup> /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	$\mu_s$	0.34
			$\mu_d$	0.26
Haze (1 sheet)		ASTM 1003	%	2.5
Wetting Tension		ASTM D2578	dyne/cm	41
Heat Seal Strength @ 121°C		1	g/25mm	330
Seal Initiation Temp (>200g/25mm)		1	°C	99
MVTR - 38°C, 90% RH		ASTM F1249	g/m <sup>2</sup> /day	3.1

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.**

### Key Features

- 50% improvement in moisture barrier
- Alternative to PVdC coated OPP
- Low COF sealant
- Improved oil resistance
- Increased puncture resistance
- Increased stiffness

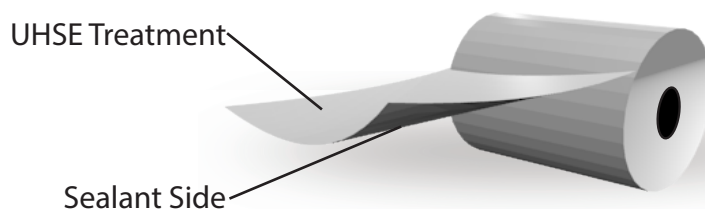
### Similar Products

- CBS

### Typical Structures

- CBC/ink/PE or ADH/F71W
- CBC/ink/PE or ADH/CBS - for enhanced MVTR
- O.L./ink/CBC

### Winding Direction



### \* These values do not constitute specific binding specifications

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Torayfan® is a registered trademark of Toray Industries, Inc. for its range of bi-oriented Polypropylene Films (BOPP)