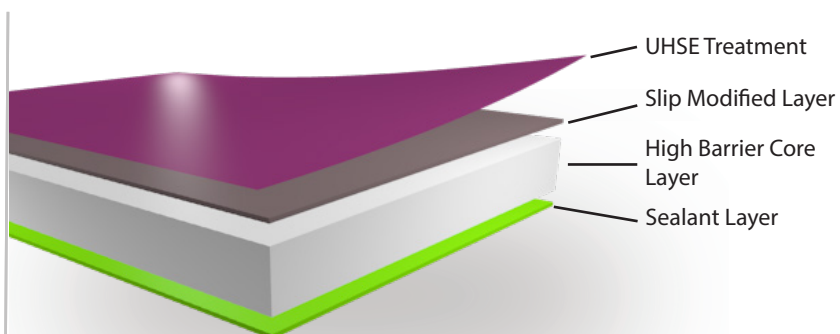


# TORAYFAN<sup>®</sup> CBH

## Applications

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



ONE SIDE UHSE TREATED,  
ONE SIDE HEAT SEALABLE  
TRANSPARENT BOPP FILM

## Summary

One side treated with Toray's Ultra High Surface Energy (UHSE) and one side heat sealable Bi-Axially Oriented Polypropylene film with excellent moisture barrier.

Designed for high speed horizontal applications needing enhanced moisture barrier and a low COF.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	micron	18	20
Nominal Yield		-	m <sup>2</sup> /kg	63	54
Tensile Strength at Break	MD	ASTM D882	MPa	100	100
	TD			300	300
Young's Modulus	MD	ASTM D882	MPa	2,400	2,400
	TD			4,300	4,300
Elongation at Break	MD	ASTM D882	%	200	200
	TD			60	60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
Coefficient of Friction (Sealant Side)		ASTM D1894	$\mu_s$	0.66	0.66
			$\mu_d$	0.45	0.45
Coefficient of Friction (Treated Side)		ASTM D1894	$\mu_s$	0.30	0.30
			$\mu_d$	0.20	0.20
Haze (1 sheet)		ASTM 1003	%	2	2
Wetting Tension		ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 121°C		1	g/25mm	430	430
Seal Initiation Temp (>200g/25mm)		1	°C	91	91
MVTR - 38°C, 90% RH		ASTM F1249	g/m <sup>2</sup> /day	3.4	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

- Low outside COF
- Low SIT = 195F
- Wide heat seal range in lap/fin/crimp seals
- Improved oil resistance
- Increased stiffness and puncture resistance

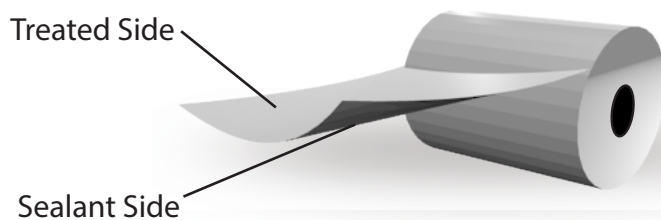
### Similar Products

- CBC
- CBS
- CBLH

### Typical Structures

- Ink/CBH
- CBH unprinted monoweb

### 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)