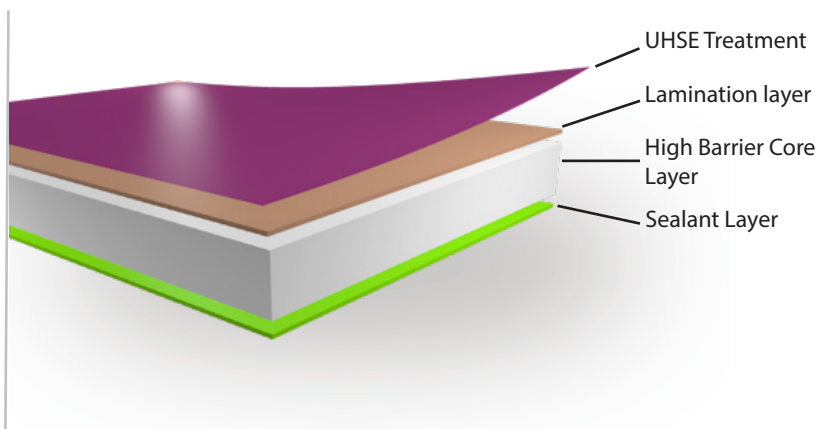


TORAYFAN CBS

Applications

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



Torayfan CBS

ONE SIDE 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 as the inside sealant web for clear moisture barrier applications. Can also be used as an unsupported web that can be surface printed.

Technical Data *

PROPERTIES	METHOD		UNITS	TYPICAL VALUES	
Thickness			μm	17.5	20
Nominal Yield			m ² /kg	62.6	54.5
Tensile Strength at Break	MD	ASTM D882	Mpa	100	100
	TD			300	300
Young's Modulus	MD	ASTM D882	Mpa	2400	2400
	TD			4300	4300
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
COF (Sealant Side)	ASTM D1894		μ _s	0.66	0.66
			μ _b	0.45	0.45
Wetting Tension	ASTM D2578		dyne/cm	41	41
Haze (1 sheet)	ASTM 1003		%	2.2	2.5
Heat Seal Strength @ 121°C	1		g/25mm	430	430
SIT (>200g/25mm)	1		°C	91	91
MVTR - 38 °C, 90% RH	ASTM F1249		g/m ² /day	3.41	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

- Wide heat seal range in lap/fin/crimp seals
- Improved oil resistance
- Increased puncture resistance
- Increased stiffness

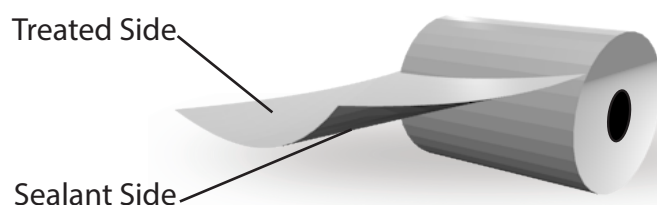
Similar Products

- CBC
- CBH
- CBLS

Typical Structures

- F61W/ink/PE or ADH/CBS
- CBC/ink/PE or ADH/CBS - for enhanced MVTR
- PET/PE or ADH/CBS
- Ink/CBS

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)