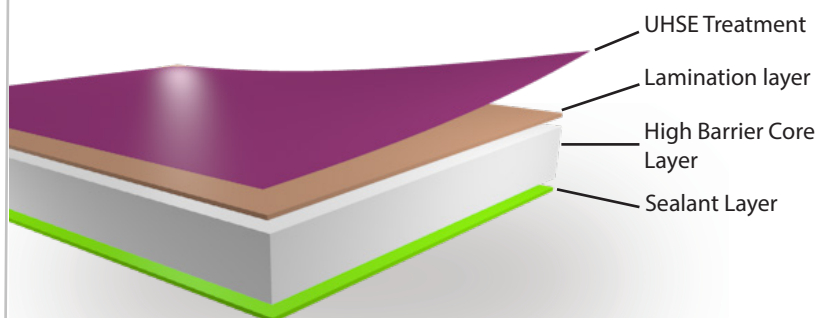


TORAYFAN[®] CBS

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	-	0.0001"	70	80
Nominal Yield	-	in ² /lb	44,000	38,300
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			21,500
Young's Modulus	MD	ASTM D882	lb/in ²	350,000
	TD			350,000
Elongation at Break	MD	ASTM D882	%	200
	TD			200
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			8
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.66
			μ_d	0.45
Haze (1 sheet)	ASTM 1003	%	2	3
Wetting Tension	ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 250°F	1	g/in	430	430
Seal Initiation Temp (>200g/in)	1	°F	195	195
MVTR - 100°F, 90% RH	ASTM F1249	g/100in ² /day	0.22	0.20

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

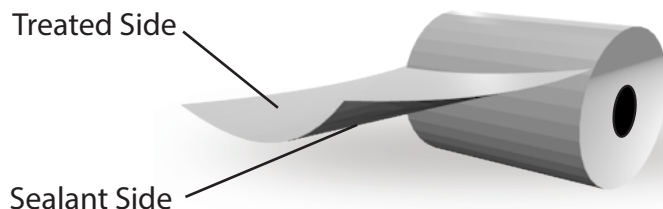
Similar Products

- 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)