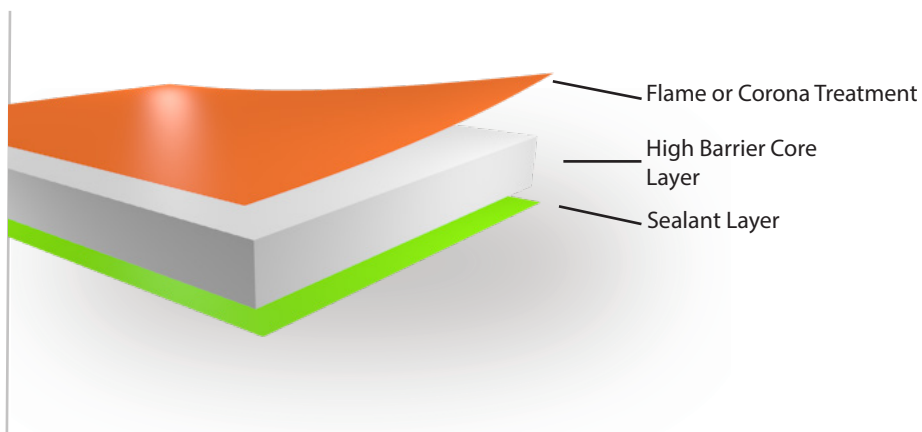


# TORAYFAN TX-CBS

## Applications

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



Torayfan TX-CBS

ONE SIDE TREATED, ONE  
SIDE HEAT SEALABLE  
TRANSPARENT BOPP FILM

## Summary

One side treated with flame or corona treatment 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	
Thickness Range		-	0.00001"	90-200
Thickness		-	0.00001"	130
Nominal Yield		-	in <sup>2</sup> /lb	23,600
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	20,000
	TD			46,000
Elongation at Break	MD	ASTM D882	%	200
	TD			50
Heat Shrinkage (212°F for 10 minutes)	MD	ASTM D2732	%	3
	TD			1
Coefficient of Friction (Sealant Side)		ASTM D1894	$\mu_s$	0.66
			$\mu_d$	0.45
Haze (1 sheet)		ASTM 1003	%	3.8
Wetting Tension	Flame	ASTM D2578	dyne/cm	48
	Corona			38
Heat Seal Strength @250F		1	g/in	430
Seal Initiation Temp (>200g/in)		1	°F	195
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.12

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

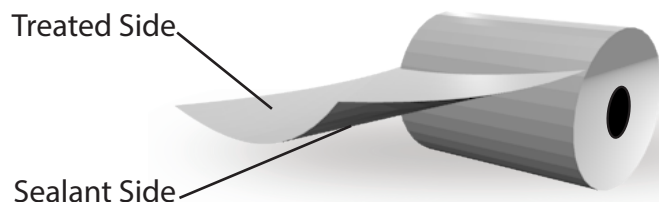
### Similar Products

- CBC
- CBH
- CBLS

### Typical Structures

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

### Winding Direction



\* These values do not constitute specific binding specifications

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