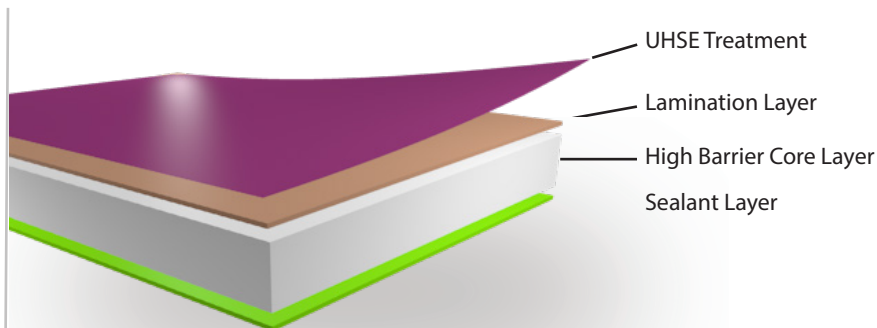


TORAYFAN[®] CBLS

Applications

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



Torayfan CBLS

ONE SIDE TREATED,
ONE HEAT SEALABLE
TRANSPARENT BOPP FILM

Summary

One side treated, one side heat sealable Bi-Axially Oriented Polypropylene film with excellent moisture barrier. Designed as the inside sealant web for clear applications requiring moisture barrier and a low seal initiation temperature. Can also be used as an unsupported web that can be surface printed.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	90
Nominal Yield		-	in ² /lb	33,800
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500
	TD			45,500
Young's Modulus	MD	ASTM D882	lb/in ²	350,000
	TD			600,000
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8
	TD			5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.70
			μ_d	0.52
Coefficient of Friction (Treated Side)		ASTM D1894	μ_s	0.35
			μ_d	0.30
Haze (1 sheet)		ASTM 1003	%	2.5
Wetting Tension		ASTM D2578	dyne/cm	41
Heat Seal Strength @ 250°F		1	g/in	700
Seal Initiation Temp (>200g/in)		1	°F	185
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.19

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 SIT = 185°F
- Alternative to PVdC coated OPP
- Wide heat seal range in lap/fin/crimp seals
- Improved oil resistance
- Increased puncture resistance and stiffness

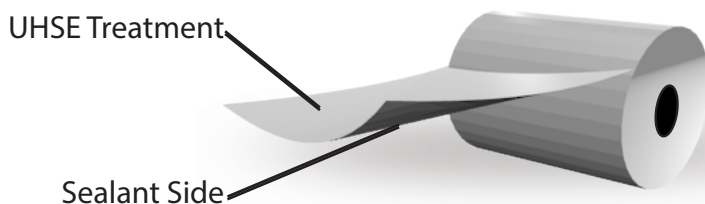
Similar Products

- CBS
- CBC
- CBLH

Typical Structures

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

Winding Direction



* These values do not constitute specific binding specifications

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