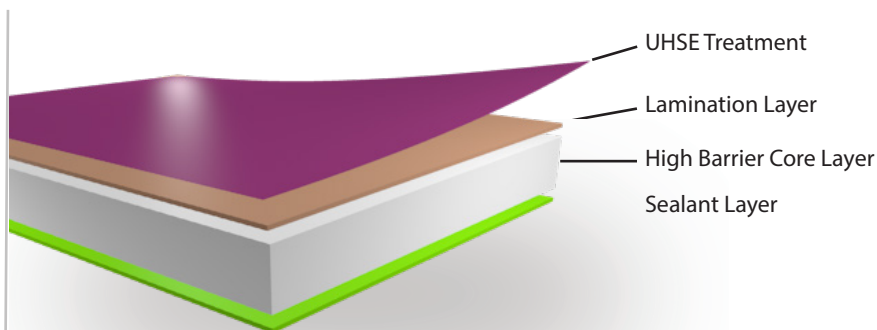


TORAYFAN[®] CBLH

Applications

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



Torayfan CBLH

ONE SIDE TREATED,
ONE 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 enhanced moisture barrier. Designed for high speed horizontal applications needing excellent moisture barrier and a low COF.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	0.00001"	90	100
Nominal Yield		-	in ² /lb	33,800	30,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	21,500	21,500
	TD			45,500	45,500
Young's Modulus	MD	ASTM D882	lb/in ²	350,000	350,000
	TD			600,000	600,000
Elongation at Break	MD	ASTM D882	%	200	200
	TD			60	60
Heat Shrinkage (284°F for 15 minutes)	MD	ASTM D1204	%	8	8
	TD			5	5
Coefficient of Friction (Sealant Side)		ASTM D1894	μ _s	0.70	0.70
			μ _d	0.52	0.52
Coefficient of Friction (Treated Side)		ASTM D1894	μ _s	0.30	0.30
			μ _d	0.20	0.20
Haze (1 sheet)		ASTM 1003	%	2.5	2.5
Wetting Tension		ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 250°F		1	g/in	700	700
Seal Initiation Temp (>200g/in)		1	°F	185	185
MVTR - 100°F, 90% RH		ASTM F1249	g/100in ² /day	0.19	0.19

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated

Key Features

- Low SIT = 185°F
- 50% improvement in moisture barrier
- Wide heat seal range in lap/fin/crimp seals
- Improved oil resistance
- Increased puncture resistance and stiffness

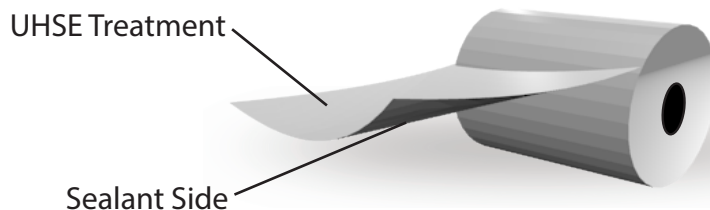
Similar Products

- CBLS
- CBH

Typical Structures

- Ink/CBLH
- CBLH unprinted monoweb

Winding Direction



* These values do not constitute specific binding specifications

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