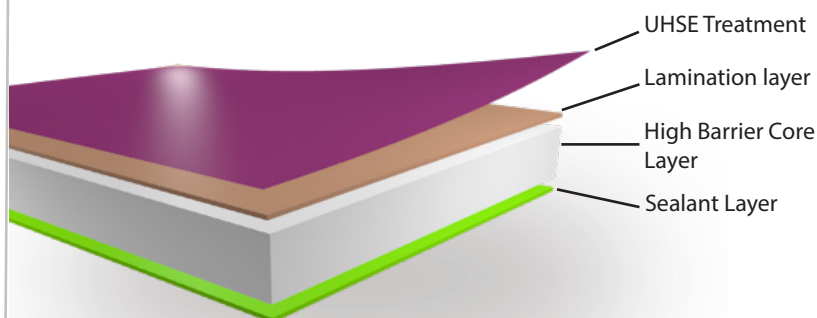


TORAYFAN[®] CBS

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		-	micron	18	20
Nominal Yield		-	m ² /kg	63	54
Tensile Strength at Break	MD	ASTM D882	MPa	148	148
	TD			314	314
Young's Modulus	MD	ASTM D882	MPa	2,410	2,410
	TD			4,340	4,340
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
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.66	0.66
			μ_d	0.45	0.45
Haze (1 sheet)		ASTM 1003	%	2	3
Wetting Tension		ASTM D2578	dyne/cm	41	41
Heat Seal Strength @ 121°C		1	g/25mm	430	430
Seal Initiation Temp (>200g/25mm)		1	°C	91	91
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	3.4	3.1

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

Key Features

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

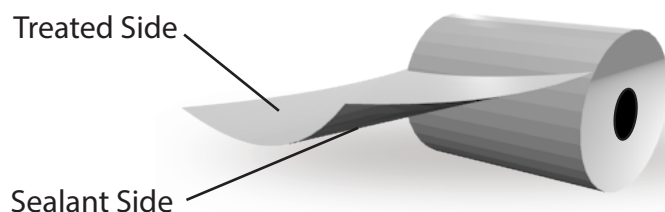
Similar Products

- 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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