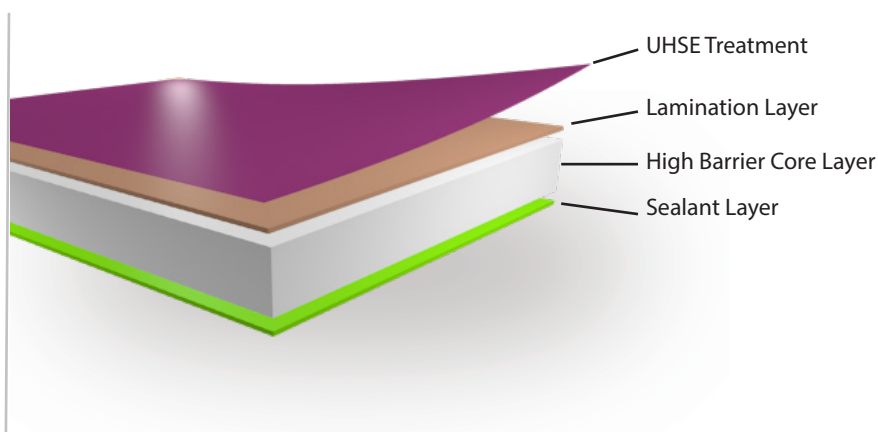


TORAYFAN CBLH

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 | | - | micron | 22.5 |
| Nominal Yield | | - | m ² /kg | 48.1 |
| Tensile Strength at Break | MD | ASTM D882 | MPa | 100 |
| | TD | | | 300 |
| Young's Modulus | MD | ASTM D882 | MPa | 2,400 |
| | TD | | | 4,100 |
| Elongation at Break | MD | ASTM D882 | % | 200 |
| | TD | | | 60 |
| Heat Shrinkage (140°C 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 | 0.30 |
| | | | μ_d | 0.20 |
| Haze (1 sheet) | | ASTM 1003 | % | 2.5 |
| Wetting Tension | | ASTM D2578 | dyne/cm | 41 |
| Heat Seal Strength @ 121°C | | 1 | g/25mm | 700 |
| Seal Initiation Temp (>200g/25mm) | | 1 | °C | 85 |
| MVTR - 38°C, 90% RH | | ASTM F1249 | g/m ² /day | 2.9 |

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 = 85°C
- 50% improvement in moisture barrier
- Wide heat seal range in lap/fin/crimp seals
- Improved oil resistance
- Increased puncture resistance and stiffness

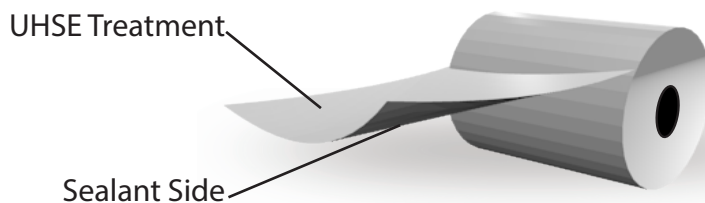
Similar Products

- CBL5
- CBH

Typical Structures

- Ink/CBLH
- CBLH unprinted monoweb

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)