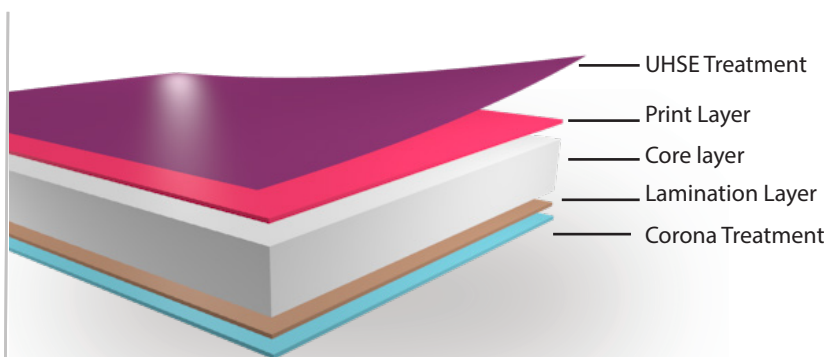


# TORAYFAN® CBP

## Applications

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



## TWO SIDE TREATED, NON SEALABLE TRANSPARENT BOPP FILM

## Summary

Two side treated: one side Ultra High Surface Energy (UHSE), one side corona Bi-Axially Oriented Polypropylene. Modified COF on non-UHSE side (non-migratory). Designed as the outside print or buried web for clear packaging applications requiring excellent moisture barrier.

## Technical Data \*

| PROPERTIES                                |    | METHOD     | UNITS                     | TYPICAL VALUES |
|-------------------------------------------|----|------------|---------------------------|----------------|
| Thickness                                 |    | -          | 0.00001"                  | 80             |
| Nominal Yield                             |    | -          | in <sup>2</sup> /lb       | 38,300         |
| Tensile Strength at Break                 | MD | ASTM D882  | lb/in <sup>2</sup>        | 21,500         |
|                                           | TD |            |                           | 45,500         |
| Young's Modulus                           | MD | ASTM D882  | lb/in <sup>2</sup>        | 350,000        |
|                                           | TD |            |                           | 600,000        |
| Elongation at Break                       | MD | ASTM D882  | %                         | 200            |
|                                           | TD |            |                           | 60             |
| Heat Shrinkage<br>(284°F for 15 minutes)  | MD | ASTM D1204 | %                         | 8              |
|                                           | TD |            |                           | 5              |
| Coefficient of Friction (Lamination Side) |    | ASTM D1894 | μ <sub>s</sub>            | 0.36           |
|                                           |    |            | μ <sub>d</sub>            | 0.31           |
| Haze (1 sheet)                            |    | ASTM 1003  | %                         | 3              |
| Wetting Tension                           |    | ASTM D2578 | dyne/cm                   | 41             |
| MVTR - 100°F, 90% RH                      |    | ASTM F1249 | g/100in <sup>2</sup> /day | 0.20           |

## Key Features

- Alternative to PVdC coated OPP
- 2 side treated with low COF slip - non migratory
- Improved oil resistance
- Increased puncture resistance
- Increased stiffness

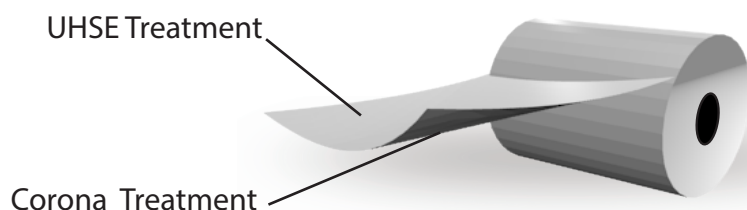
## Similar Products

- CBS
- CBC

## Typical Structures

- CBP/ink/PE or ADH/F71W
- CBP/ink/PE or ADH/CBS - for enhanced MVTR
- PET/ink/PE/CBP/PE
- O.L./ink/CBP/Patterned Cold Seal
- O.L./ink/Paper/PE/CBP/PE - metal detection

## Winding Direction



## \* These values do not constitute specific binding specifications

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