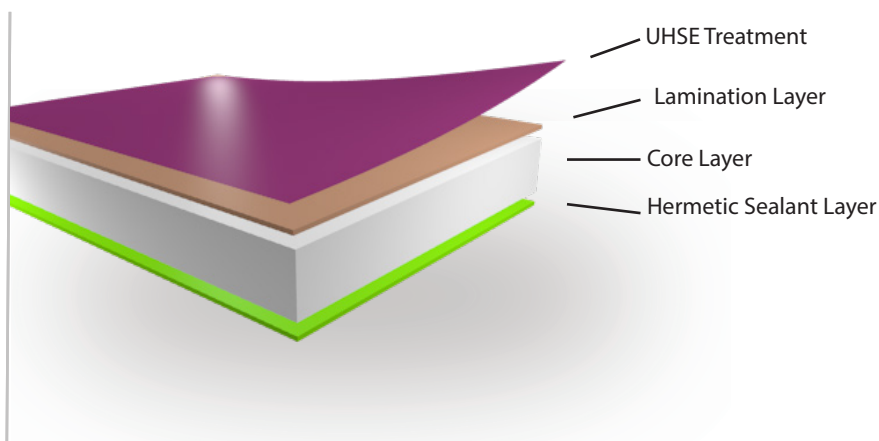


TORAYFAN[®] F7HC

Applications

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



Torayfan F7HC

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 high seal strength and with improved hermetic seal properties. Designed as an inside web BOPP film with good lamination properties and high seal strengths.

Technical Data *

PROPERTIES		METHOD	UNITS	
Thickness		-	micron	23
Nominal Yield		-	m ² /kg	48
Tensile Strength at Break	MD	ASTM D882	MPa	100
	TD			300
Young's Modulus	MD	ASTM D882	MPa	2,200
	TD			3,800
Elongation at Break	MD	ASTM D882	%	200
	TD			60
Heat Shrinkage (140°C for 15 minutes)	MD	ASTM D1204	%	8
	TD			5.00
Coefficient of Friction (Sealant Side)		ASTM D1894	μ_s	0.66
			μ_d	0.45
Haze (1 sheet)		ASTM 1003	%	2.5
Wetting Tension		ASTM D2578	dyne/cm	40
Heat Seal Strength @ 121°C		1	g/25mm	1,400
Seal Initiation Temp (>200g/25mm)		1	°C	88
MVTR - 38°C, 90% RH		ASTM F1249	g/m ² /day	5.3

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 9120294 and EP 2195161**

Key Features

- Good bond in adhesive and extrusion laminations
- Improved hermetic seal properties
- Low SIT = 190°F

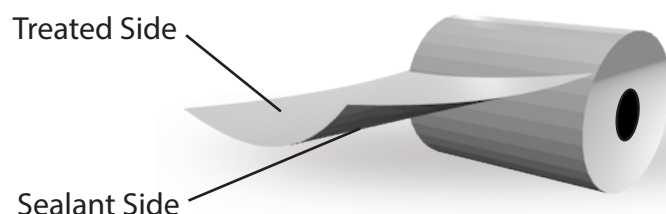
Similar Products

- F6HC
- F72W

Typical Structures

- F62W/ink/ADH or PE/F7HC
- PA10/Ink/PE or ADH/F7HC
- O.L./ink/Paper/PE or ADH/F7HC

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)