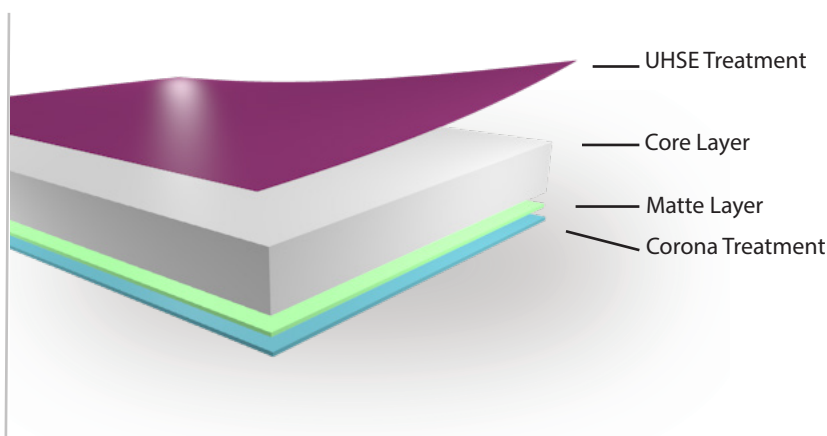


TORAYFAN FM1D

Applications

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



Torayfan FM1D

ONE SIDE UHSE TREATED,
ONE SIDE MATTE CORONA
TREATED BOPP FILM

Summary

Bi-Axially Oriented Polypropylene non-sealable matte film, one side treated with Toray's Ultra High Surface Energy (UHSE) treatment, matte side corona treated. Designed as the outside print or buried web for clear graphic packaging applications where the matte surface reduces glare for easy viewing.

Technical Data *

PROPERTIES		METHOD	UNITS	
Thickness		-	micron	15
Nominal Yield		-	m ² /kg	73
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
Coefficient of Friction (Matte Side)		ASTM D1894		0.43
Gloss (Matte Side) (20°)		ASTM D2457	GU	3
Haze (1 sheet)		ASTM 1003	%	75
Wetting Tension		ASTM D2578	dyne/cm	41

Key Features

- High haze, low gloss matte layer
- Low glare
- Good bond in adhesive and extrusion laminations
- Good ink adhesion with water based and solvent based inks
- Good print quality in Roto Gravure and Flexo printing

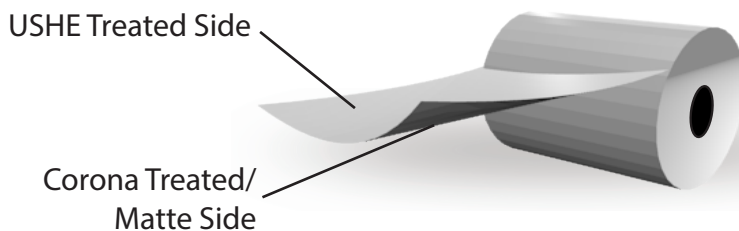
Similar Products

- FMS

Typical Structures

- FM1D/ink/PE or ADH/PMX2
- FM1D/ink/PE or ADH/PCFS

Winding Direction



* These values do not constitute specific binding specifications

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