

Mitsubishi Chemical America, Inc.

Description

Hostaphan® 2261N is an untreated polyester film. It combines high strength and durability, good dimensional stability, and excellent chemical resistance.

Performance

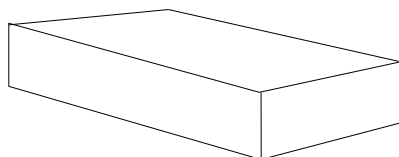
Hostaphan® 2261N film has excellent slip and good dimensional stability over a wide temperature range.

It can be *coated* or *metallized* to enhance barrier properties. This film can be used in a variety of printing and converting processes and packaging applications

FDA Status

Hostaphan® 2261N can be used for direct food contact applications subject to limitations found in 21 CFR 177.1630 and in accordance with good manufacturing practices. Drug Master File information is available on request. Contact a Polyester Film Sales Representative for additional information.

Schematic of Hostaphan® 2261N



PET Base Film
(Moderate Haze)

Benefits

- Can be coated or printed using methods suitable for plain polyester
- Excellent handling characteristics
- Available in special grade suitable for metallizing

Typical Properties of Hostaphan® 2261N Film

The Hostaphan® 2261N property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Polyester Film Sales Representative.

Property		Unit of Measure	Typical Value	Test Method
Area Yield		in ² •mil/lb m ² •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²	32,000 2,250	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	100	ASTM D 882
Modulus	MD	psi kg/cm ²	600,000 42,200	ASTM D 882
Coefficient of Friction A/B	Static Kinetic	--	0.40 0.37	ASTM D 1894
Shrinkage	MD TD	%	1.7 0.5	30 min. at 150°C
Tear Strength	MD	g/mil g/µm	20 0.8	ASTM D 1922
Moisture Vapor Transmission Rate		g/100 in•24 hr g/m ² •24 hr	48 gauge 3.7 57	ASTM E 96
Oxygen Transmission Rate		cc/100 in•24 hr•atm cc /m ² •24hr•atm	48 gauge 9.1 141	ASTM D 3985
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	48 gauge 2.7 75 " 4.0 92 " 4.1 118 " 4.5	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved AP 12/2017

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