

Mitsubishi Chemical America, Inc.

## Description

Hostaphan® 2240N polyester film is untreated on both sides. It combines high strength and durability, good dimensional stability, and excellent chemical resistance.

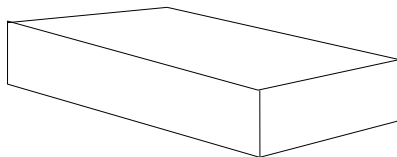
## Performance

Hostaphan® 2240N has excellent slip and good dimensional stability over a wide temperature range and handles well even in the thinnest gauges. It is designed for use in applications where the thermal behavior during processing requires a more balanced MD/TD shrinkage than is found in other 2000 series products.

## Benefits

- Good dimensional stability
- Excellent handling characteristics

## Schematic of Hostaphan® 2240N



PET Base Film  
(Moderate Haze)

## Typical Properties of Hostaphan® 2240N Film

The Hostaphan® 2240N 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 <sup>2</sup> •mil/lb m <sup>2</sup> •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	32,000 2,250	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	110	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	600,000 42,200	ASTM D 882
Coefficient of Friction A/B	Static Kinetic	--	0.40 0.36	ASTM D 1894
Shrinkage	MD TD	%	2.0 1.0	30 min. at 150°C
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	48 gauge 3.0 56 " 3.2 92 " 3.6 142 " 5.0 200 " 7.0	ASTM D-1003

\* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.  
Approved RS 5/2016

Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 Hood Road • Greer, SC 29652 • 864-879-5000 • 864-879-5006 • [www.m-petfilm.com](http://www.m-petfilm.com)

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