

2366N General Purpose Industrial Film



PRODUCT BULLETIN

Description

Hostaphan® 2366N is a moderately hazy, untreated polyester film that combines high strength and durability, good dimensional stability and excellent chemical resistance.

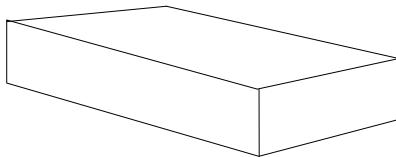
Performance

Hostaphan® 2366N film has excellent slip and good dimensional stability over a wide temperature range. This film can be *coated* or *metallized* to enhance barrier properties. This film can also be used in a variety of printing and converting processes and hot stamping foil applications. This film is characterized by excellent physical properties which include low TD shrink.

Benefits

- Low TD shrink
- Can be coated or printed using methods suitable for plain polyester
- Excellent handling characteristics

Schematic of Hostaphan® 2366N



PET Base Film
(Moderate Haze)

Typical Properties of Hostaphan® 2366N Film

The Hostaphan® 2366N 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 Mitsubishi 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	%		3.0 0.0	20 min. at 190°C
Tear Strength	MD	g/mil g/µm		20 0.8	ASTM D 1922
Moisture Vapor Transmission Rate		g /100 in ² •24 hr g /m ² •24 hr	48 gauge	3.7 57	ASTM E 96
Oxygen Transmission Rate		cc /100 in ² •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*		%	47 gauge 60 " 72 " 90 "	3.0 3.1 3.2 3.3	ASTM D-1003

*Values for reference data only. Contact a Mitsubishi Polyester Film Sales Representative for actual gauges available.

Approved TW 3_09



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