

# 2IB2N Ceramic Casting Film



PRODUCT BULLETIN

## Description

Hostaphan® 2IB2N polyester film is untreated on either side. It combines high strength and durability, good dimensional stability and excellent chemical resistance.

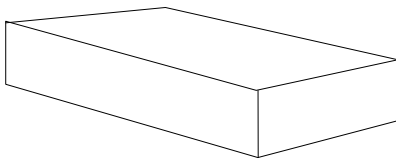
## Performance

Hostaphan® 2IB2N film has excellent slip and handleability, and good dimensional stability over a wide temperature range. It combines high durability, and balanced shrinkage for improved flatness after thermal processing.

## Benefits

- Excellent handling characteristics
- Excellent flatness
- Good dimensional stability

## Schematic of Hostaphan® 2IB2N



PET Base Film  
(Moderate Haze)

## Typical Properties of Hostaphan® 2IB2N Film

The Hostaphan® 2IB2N 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 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>	30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.40	ASTM D 1894
Shrinkage	MD TD	%	1.1 0.9	30 min. at 150°C
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	300 Gauge 11.0	ASTM D-1003

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

Approved 4/09



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