

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

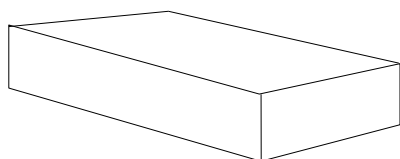
Hostaphan® 2307N is an untreated polyester film. It combines high strength and durability, good dimensional stability, and excellent chemical resistance.

Performance

Hostaphan® 2307N 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® 2307N

PET Base Film
(Moderate Haze)

Typical Properties of Hostaphan® 2307N Film

The Hostaphan® 2307N 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	30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm ²	500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.40	ASTM D 1894
Shrinkage	MD TD	%	200 gauge 1.0 1.0	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	142 gauge 200 " 300 " 500 " 5.0 7.0 15.0 18.0	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved SG 5/2009

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