

2240N General Purpose Film



PRODUCT BULLETIN

Description

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

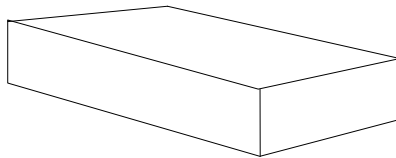
Performance

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 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	%	110	ASTM D 882
Modulus	MD	psi kg/cm ²	600,000 42,200	ASTM D 882
Coefficient of Friction A/B	Static	--	0.40	ASTM D 1894
	Kinetic		0.36	
Shrinkage	MD	%	2.0	30 min. at 150°C
	TD		1.0	
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	43 gauge	ASTM D-1003
			48 "	
			92 "	
			142 "	

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



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