2MS0N
Shrink Film

MITSUBISHI CHEMICAL GROUP

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ 2MS0N is an untreated polyester film. It combines high strength, durability, and excellent chemical resistance with a balanced high shrinkage.

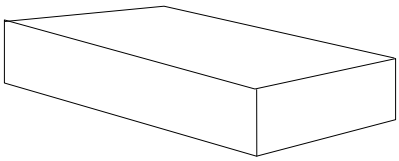
Performance

Hostaphan™ 2MS0N has excellent slip and handles well even in the thinnest gauges. It is designed for use in applications that require a high, balanced MD/TD shrinkage.

Benefits

- Balanced high shrinkage
- Excellent handling characteristics
- Available gauges: 65, 150

Schematic of Hostaphan™ 2MS0N



PET Base Film
(Moderate Haze)

Typical Properties of Hostaphan™ 2MS0N Film

The Hostaphan™ 2MS0N property values below are typical measurements. Further guidance on 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•mm/kg		19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm^2		33,000 2,300	ASTM D 882
	TD	psi kg/cm^2		35,000 2,460	
Yield Strength (F5)	MD	psi kg/cm^2		14,000 1,000	ASTM D 882
Ultimate Elongation	MD TD	%		90 60	ASTM D 882
Modulus	MD	psi kg/cm^2		500,000 35,000	ASTM D 882
Coefficient of Friction A/B	Static Kinetic	--		0.40 0.36	ASTM D 1894
Shrinkage	MD TD	%		6.0 6.0	5 min. at 75°C
	MD TD	%		33.0 33.0	5 min. at 105°C
	MD TD	%		35.0 35.0	5 min. at 150°C
	MD TD	%		37.0 37.0	5 min. at 175°C
	MD TD	%		38.0 38.0	5 min. at 190°C
Density		g/cm^3		1.395	ASTM D 1505
Total Haze*		%	65 gauge 150 gauge	4.0 6.5	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved RS 5/2023

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