

Mitsubishi Chemical America, Inc.

Description

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

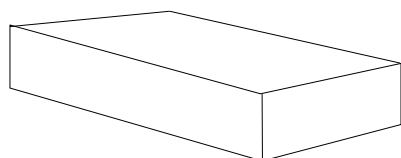
Performance

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	%	90	ASTM D 882
	TD		60	
Modulus	MD	psi	500,000	ASTM D 882
		kg/cm ²	35,000	
Coefficient of Friction A/B	Static	--	0.40	ASTM D 1894
	Kinetic		0.36	
Shrinkage	MD	%	6.0	5 min. at 75°C
	TD		6.0	
	MD	%	33.0	5 min. at 105°C
	TD		33.0	
	MD	%	35.0	5 min. at 150°C
	TD		35.0	
	MD	%	37.0	5 min. at 175°C
	TD		37.0	
	MD	%	38.0	5 min. at 190°C
	TD		38.0	
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	65 gauge	ASTM D-1003
			150 gauge	

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

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