2LS0N
Shrink Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ 2LS0N is an untreated polyester film. It combines high strength, durability, and excellent chemical resistance with a balanced medium shrinkage.

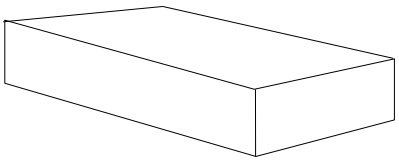
Performance

Hostaphan™ 2LS0N has excellent slip and handles well even in the thinnest gauges. It is designed for use in applications that require a medium, balanced MD/TD shrinkage.

Benefits

- Balanced medium shrinkage
- Excellent handling characteristics
- Available gauges: 92, 200

Schematic of Hostaphan™ 2LS0N



PET Base Film
(Moderate Haze)

Typical Properties of Hostaphan™ 2LS0N Film

The Hostaphan™ 2LS0N 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•µm/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		38,000 2,670	
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	%		0.0 0.0	5 min. at 75°C
	MD TD	%		1.0 1.0	5 min. at 105°C
	MD TD	%		10.0 10.0	5 min. at 150°C
	MD TD	%		16.0 16.0	5 min. at 175°C
	MD TD	%		20.0 20.0	5 min. at 190°C
Density		g/cm^3		1.395	ASTM D 1505
Total Haze*		% %	92 gauge 200 gauge	5.0 7.5	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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