4375 Very Clear Slip Modified Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ 4375 is a coextruded, very clear polyester film that is slip modified on both sides for improved handling. It combines high strength and durability, good dimensional stability, and excellent chemical resistance.

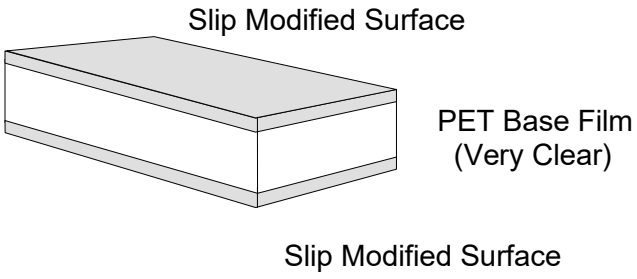
Performance

Hostaphan™ 4375 has excellent slip and good dimensional stability over a wide temperature range and handles well. It is an untreated polyester film designated specifically for silicone release coatings for window film applications.

Benefits

- Excellent clarity and color
- Modified surface for improved slip
- Excellent flatness

Schematic of Hostaphan™ 4375



Typical Properties of Hostaphan™ 4375 Film

The Hostaphan™ 4375 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		ft^2/lb m^2/kg	23 µm (92 gauge)	149.5 30.6	ASTM D 4321
Tensile Strength	MD	psi kg/cm^2		30,000 2,100	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm^2		15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%		130	ASTM D 882
Modulus	MD	psi kg/cm^2		500,000 35,150	ASTM D 882
Coefficient of Friction A/B	Static Kinetic	--		0.40 0.36	ASTM D 1894
Shrinkage	MD TD	%		2.0 0.0	30 min. at 150°C
Density		g/cm^3		1.395	ASTM D 1505
Total Haze*		%	23 µm (92 gauge)	1.8	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved MG 1/2021

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