

Mitsubishi Chemical America, Inc.

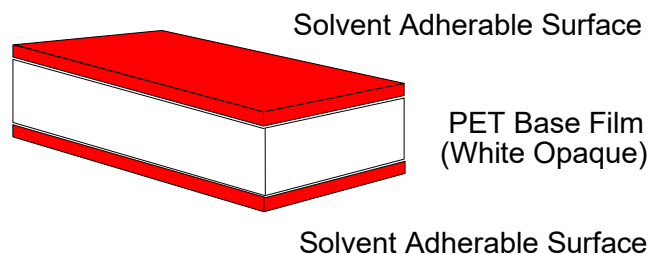
Description

Hostaphan® V54B is a translucent polyester film with a pearlescent appearance and high gloss surface. It is available two side chemically primed for enhanced adhesion to a variety of inks, coatings, and adhesives.

Performance

Hostaphan® V54B film is designed for markets requiring translucent film. This film is used in label applications, including metallized labels.

Schematic of Hostaphan® V54B



Benefits

- Pearlescent appearance
- High gloss surface
- Lower density allows higher area yield than conventional polyester film
- Good dimensional stability
- Excellent handling characteristics

Typical Properties of Hostaphan® V54B Film

The Hostaphan® V54B 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
Nominal Thickness*		gauge micron	200 50	ASTM E 252
Total Transmission		%	62	ASTM D 1003
Optical Density		-	0.41	Densitometer
20° Gloss (side A) (side B)		%	78 70	Gloss Meter
60° Gloss (side A) (side B)		%	108 104	
Area Yield		1000 in ² /lb m ² /kg	10.1 14.4	ASTM D 4321
Tensile Strength	MD TD	psi kg/cm ² psi kg/cm ²	27,000 2,320 30,000 2,390	ASTM D 882
Modulus	MD TD	psi kg/cm ² psi kg/cm ²	480,000 33,750 560,000 39,370	ASTM D 882
Ultimate Elongation	MD TD	%	160 100	ASTM D 882
Shrinkage	MD TD	%	1.2 1.0	30 min. at 150°C
Coefficient of Friction (A/B)	Kinetic Static	- -	0.34 0.34	ASTM D 1894
Density		g/cm ³	1.364	ASTM D 1505

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

Approved RC 5/2016

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