

Mitsubishi Chemical America, Inc.

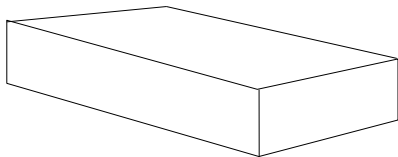
Description

Hostaphan® V270 is a translucent polyester film with a pearlescent appearance and high gloss surface.

Performance

Hostaphan® V270 film is designed for markets requiring translucent film. It is used in label applications, including metallized labels.

Schematic of Hostaphan® V270



PET Base Film
(Translucent)

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® V270 Film

The Hostaphan® V270 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 KL 3/2021

Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 Hood Road • Greer, SC 29652 • 864-879-5000 • 864-879-5006 • www.m-petfilm.com

Hostaphan is a registered trademark of Hoechst AG and is licensed to Mitsubishi Chemical America, Inc. The information contained herein is believed to be true and accurate, but all data, recommendations and suggestions are provided without guarantee, since the conditions of use are beyond our control and can affect the performance and properties of our products. The user is solely responsible for confirming that our product is suitable for the intended end use, and for compliance with all legal regulations and patents. Other than compliance with published Mitsubishi Chemical America, Inc. specifications for one year following purchase, if properly handled, and except as required by law, MITSUBISHI CHEMICAL AMERICA, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If a product is found to be non-conforming during the warranty period, user's sole remedy and our sole obligation is, at our option, replacement of the affected product or refund of the purchase price. Except as required by law, we are not liable for any damage, harm or loss resulting from our product, whether direct, indirect, consequential, incidental or special, and irrespective of legal theory asserted, including strict liability, contract, warranty, or negligence.