

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan[®] 4WB4 is an ultra-clear polyester film that is chemically primed on one side to promote adhesion to solvent based inks and coatings. It combines high strength and durability, optical clarity, and excellent chemical resistance.

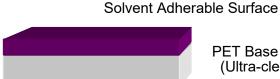
Performance

Hostaphan[®] 4WB4 is designed for markets requiring high clarity, brilliance and solvent adherability. 4WB4 is used in window box applications.

Benefits

- Chemically primed on one side to promote • adhesion of solvent based inks and coatings
- Excellent clarity ٠

Schematic of Hostaphan® 4WB4



PET Base Film

(Ultra-clear)

Typical Properties of Hostaphan® 4WB4 Film

The Hostaphan[®] 4WB4 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 | Т | ypical Value | Test Method |
|-------------------------------|-------------------|------------------------|--------------------|----------------------|------------------|
| Area Yield | | in²∙mil/lb m²∙µm/kg | | 19,800 717 | ASTM D 4321 |
| Tensile Strength | MD | psi kg/cm² | | 31,000 2,180 | ASTM D 882 |
| Yield Strength (F5) | MD | psi kg/cm² | | 15,500 1,090 | ASTM D 882 |
| Ultimate Elongation | MD | % | | 115 | ASTM D 882 |
| Modulus | MD | psi kg/cm² | | 550,000 38,700 | ASTM D 882 |
| Coefficient of Friction (A/B) | Static Kinetic | | | 0.40 0.36 | ASTM D 1894 |
| Shrinkage | MD TD | % | | 2.5 max. 2.5 max. | 30 min. at 150°C |
| Density | | g/cm ³ | | 1.395 | ASTM D 1505 |
| Total Haze* | | % | 142 gauge 200 " | 0.9 max. 1.0 max. | ASTM D-1003 |

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available. Approved RC 1/2017

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 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.

©2000, 2008, 2021, 2022 Mitsubishi Chemical America, Inc. All rights reserved.