

Mitsubishi Chemical America, Inc.

Description

Hostaphan® MTVC1 polyester film is a matte casting liner with low shrink and one side treated with a non-silicone release coating. Along with high strength, flexibility, and chemical resistance, this product provides excellent slip and good dimensional stability over a wide temperature range.

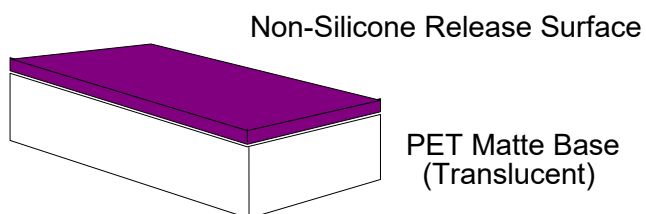
Performance

Hostaphan® MTVC1 has been designed for optimum dimensional stability, roughness and release from PU and Vinyl castings.

Benefits

- Excellent handling characteristics
- Non-silicone release one side
- Matte surface
- Low shrink

Schematic of Hostaphan® MTVC1



Typical Properties of Hostaphan® MTVC1 Film

The Hostaphan® MTVC1 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 | 200 | ASTM E 252 |
| Total Transmission | | % | 200 gauge 70-80 | ASTM D 1003 |
| 60° Gloss | | % | 200 gauge 25-35 | Gloss Meter |
| Area Yield | | in ² /lb | 200 gauge 9901 | ASTM D 4321 |
| Tensile Strength | MD TD | psi psi | 26,000 34,000 | ASTM D 882 |
| Modulus | MD TD | psi psi | 450,000 470,000 | ASTM D 882 |
| Ultimate Elongation | MD TD | % | 150 120 | ASTM D 882 |
| Shrinkage | MD TD | % | <2.0 <0.5 | 30 min. at 190°C |
| Density | | g/cm ³ | 1.40 | ASTM D 1505 |

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

Approved DJ 6/2015

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.

©2015, 2021 Mitsubishi Chemical America, Inc. All rights reserved.