

Mitsubishi Chemical America, Inc.

Description

Hostaphan® MTB1 is a matte polyester film with a medium gloss surface.

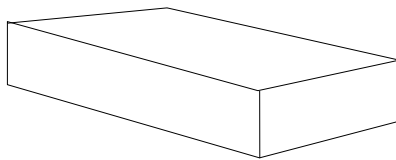
Performance

Hostaphan® MTB1 film is designed for markets requiring a matte surface. It is designed for use in applications where the thermal behavior during processing requires a more balanced MD/TD shrinkage.

Benefits

- Medium gloss surface
- Good dimensional stability
- Excellent handling characteristics

Schematic of Hostaphan® MTB1



PET Base Film
(Translucent)

Typical Properties of Hostaphan® MTB1 Film

The Hostaphan® MTB1 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	48	ASTM E 252
Total Transmission		%	87	ASTM D 1003
60° Gloss (side A) (side B)		%	38 38	Gloss Meter
Area Yield		in ² •mil/lb m ² •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD TD	psi psi	26,000 34,000	ASTM D 882
Modulus	MD TD	psi psi	440,000 560,000	ASTM D 882
Ultimate Elongation	MD TD	%	120 65	ASTM D 882
Shrinkage	MD TD	%	2.0 1.5	30 min. at 150°C
Coefficient of Friction (A/B)	Static Kinetic	-- --	0.30 0.25	ASTM D 1894
Density		g/cm ³	1.40	ASTM D 1505

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

Approved KT 12/2008

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