

Mitsubishi Chemical America, Inc.

Description

Hostaphan® MT44 polyester film is a dual surface film that has a rough, matte surface on one side and a glossy, smooth surface on the other side. It combines differential surface roughness with high strength and durability, good dimensional stability, and excellent chemical resistance.

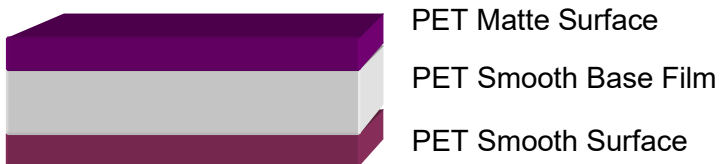
Performance

Hostaphan® MT44 polyester film is designed for use in industrial casting applications.

Benefits

- Two side differential surface roughness
- Matte surface for roughness and low gloss
- Smooth surface for high gloss

Schematic of Hostaphan® MT44



Typical Properties of Hostaphan® MT44 Film

The Hostaphan® MT44 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
Area Yield	200 gauge (2 mil, 50 um)	in ² /lb	9,901	ASTM D 4321
		m ² /kg	14.1	
Tensile Strength	MD	psi	30,000	ASTM D 882
		kg/cm ²	2,100	
Yield Strength (F5)	MD	psi	15,000	ASTM D 882
		kg/cm ²	1,050	
Ultimate Elongation	MD	%	115	ASTM D 882
Modulus	MD	psi	550,000	ASTM D 882
		kg/cm ²	38,700	
Shrinkage	MD	%	3.0	30 min. at 190°C
	TD		0.5	
Density		g/cm ³	1.395	ASTM D 1505
Total Haze	200 gauge	%	35.0	ASTM D-1003
R _a Matte*	200 gauge	nm	400 - 500	
R _a Smooth*	200 gauge	nm	5 - 10	

* Values for reference data only. Contact a Polyester Film Sales Representative for additional information.

Approved DJ 7/2015

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