



## Description

Hostaphan® W270 is a white opaque polyester film characterized by high mechanical strength and good dimensional stability.

## Performance

Hostaphan® W270 film is designed for markets requiring whiteness and opacity. It is used in many applications including labels, pre-paid cards, and imaging as a basis for ink jet film, and as a high quality replacement for paper as a backing in blister packs.

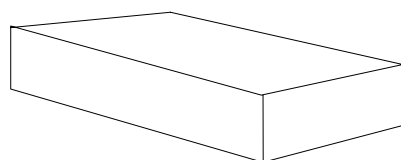
## Benefits

- Whiteness and opacity
- High mechanical strength and good dimensional stability
- Excellent flatness

## Restrictions - USA

Hostaphan® W Series films are not recommended for use with light sensitive coatings such as those containing silver halides, diazos or photopolymers without appropriate testing.

## Schematic of Hostaphan® W270



PET Base Film  
(White Opaque)

## Typical Properties of Hostaphan® W270 Film

The Hostaphan® W270 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 Mitsubishi Polyester Film Sales Representative.

Property		Unit of Measure	Typical Value	Test Method	
Tensile Strength	MD	psi N/mm <sup>2</sup>	21,000 150	ASTM D 882	
	TD	psi N/mm <sup>2</sup>	31,000 240		
Yield Strength (F5)	MD	psi N/mm <sup>2</sup>	13,000 90	ASTM D 882	
	TD	psi N/mm <sup>2</sup>	15,200 105		
Ultimate Elongation	MD	%	160	ASTM D 882	
	TD		90		
Shrinkage	MD	%	1.0	DIN 40634 15 min. at 150°C	
	TD		1.0		
Density		g/cm <sup>3</sup>	1.42	ASTM D 1505	
%Transmission		%	200 ga. 700	20.0 6.5	ASTM D 1003
Luminance (L*)		-	200 ga. 700	95 96	DIN 5033
Yellowness Index		-	200 ga. 700	-13.0 -11.0	ASTM D 1925
Gloss		-		52	DIN 67530 Angle of measure 20°
Opacity		-	200 ga. 700	90 99	

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

Approved KT 2/09



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