

Mitsubishi Chemical America, Inc.

Description

Hostaphan® 3915 is a clear untreated polyester film. It combines high strength and durability, optical clarity, and excellent chemical resistance.

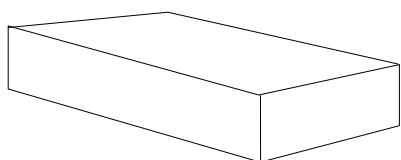
Performance

Hostaphan® 3915 provides a unique balance between clarity and handling characteristics. A non-treated film, it can be metallized, printed, and dyed. It is used in a wide variety of end uses, such as labels, copier belts, and drafting film.

Benefits

- Good handling characteristics
- Good clarity
- Good dimensional stability

Schematic of Hostaphan® 3915



PET Base Film
(Clear)

Typical Properties of Hostaphan® 3915 Film

The Hostaphan® 3915 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		in ² •mil/lb	19,800	ASTM D 4321	
		m ² •µm/kg	717		
Tensile Strength	MD	psi	30,000	ASTM D 882	
		kg/cm ²	2110		
Yield Strength (F5)	MD	psi	15,000	ASTM D 882	
		kg/cm ²	1050		
Ultimate Elongation	MD	%	150	ASTM D 882	
Modulus	MD	psi	500,000	ASTM D 882	
		kg/cm ²	35,200		
Coefficient of Friction (A/B)	Kinetic	--	0.40	ASTM D 1894	
Shrinkage	MD	%	1.2	30 min. at 150°C	
	TD		0.4		
Shrinkage	MD	%	142 gauge	20 min. at 190°C	
	TD		142 "		0.4
Density		g/cm ³	1.395	ASTM D 1505	
Total Haze*		%	200 gauge	ASTM D-1003	
			300 "		2.1
			400 "		2.5
			500 "		2.9
			700 "		3.3
			4.0		

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

Approved RC 5/2016

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