3915
Reprographics Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

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

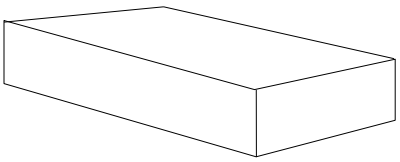
Performance

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

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