2707N
Antistatic Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ 2707N polyester film is chemically treated on one side to reduce static propensity and improve handleability. It combines high durability and balanced shrinkage for improved flatness after thermal processing.

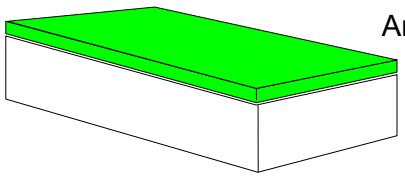
Performance

Hostaphan™ 2707N is designed for markets requiring good handling and reduced static. The chemical treatment on one side is antistatic.

Benefits

- Antistatic surface assures cleanliness
- Excellent flatness
- Excellent handling

Schematic of Hostaphan™ 2707N



Typical Properties of Hostaphan™ 2707N Film

The Hostaphan™ 2707N 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•mm/kg		19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm^2		30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm^2		15,000 1,050	ASTM D 882
Modulus	MD	psi kg/cm^2		500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--		0.50	ASTM D 1894
Shrinkage	MD TD	%		1.3 1.3	30 min. at 150°C
Density		g/cm^3		1.395	ASTM D 1505
Total Haze*		%	300 gauge	11.0	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved RS 5/2016

ANTISTAT FUNCTIONALITY

Property	Unit of Measure	Typical Value	Test Standard Specification	Test Conditions
Surface Resistivity	ohms	5.0×10^{10}	ASTM D 257	23°C @ 50% R.H.
Static Charge Decay	seconds	0.05	Federal Test Method Standard No. 101B; Method 4046 Equipment; Electro-Tech System; Model 406C	23°C @ 50% R.H.

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