

Mitsubishi Chemical America, Inc.

## Product Bulletin

**Description**

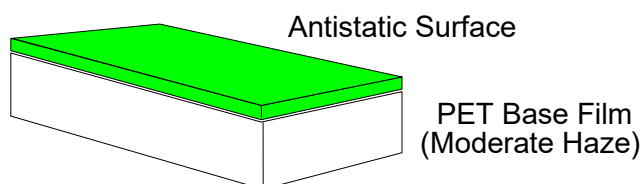
Hostaphan® 2707N polyester film is chemically treated on one side to reduce static propensity and improve handleability. It combines high durability and balanced shrinkage for improved flatness after thermal processing.

**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 <sup>2</sup> •mil/lb m <sup>2</sup> •mm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	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 <sup>3</sup>	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 X 10 <sup>10</sup>	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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