

Mitsubishi Chemical America, Inc.

## Product Bulletin

**Description**

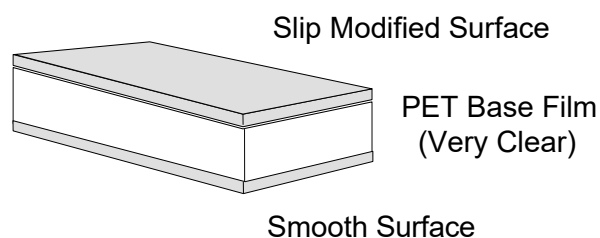
Hostaphan® 2VC4N is a very clear polyester film that is slip modified on one side for improved handling and the other side is modified for surface roughness reduction. This product combines high strength and durability, good dimensional stability, and excellent chemical resistance.

**Performance**

Hostaphan® 2VC4N is designed for use in industrial casting applications.

**Benefits**

- Excellent handling
- Modified surface to maximize smoothness

**Schematic of Hostaphan® 2VC4N**

## Typical Properties of Hostaphan® 2VC4N Film

The Hostaphan® 2VC4N 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> /lb	142 gauge 118 gauge	13,900 16,800	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>		31,000 2,180	ASTM D 882
Ultimate Elongation	MD	%		115	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>		550,000 38,700	ASTM D 882
Coefficient of Friction Slip/Slip	Static Kinetic	--		0.38 0.35	ASTM D 1894
Shrinkage	MD TD	%		3.0 0.5	20 min. at 190°C
Density		g/cm <sup>3</sup>		1.395	ASTM D 1505
Total Haze*		%	142 gauge 118 gauge	3.8 3.2	ASTM D-1003

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

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