

Mitsubishi Chemical America, Inc.

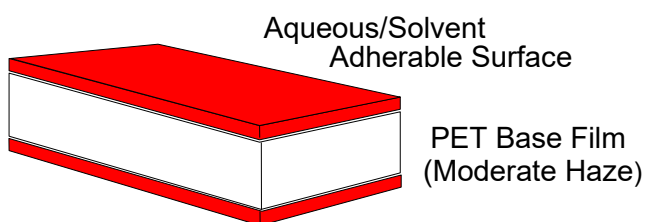
Description

Hostaphan® 2662N polyester film is chemically primed on both sides for enhanced adhesion. It combines high strength and flexibility, good dimensional stability, and excellent chemical resistance.

Performance

Hostaphan® 2662N film has excellent slip and good dimensional stability over a wide temperature range. The primed surfaces provide enhanced adhesion to both aqueous and solvent based inks, coatings, adhesives, and metallization. They can be coated or metallized to enhance barrier properties. This product is designed specifically for use in packaging applications. Hostaphan® 2662N is not recommended for applications subject to severe retort conditions.

Schematic of Hostaphan® 2662N



Benefits

- Enhanced adhesion of both aqueous and solvent based inks, coatings, and adhesives
- Significantly improved metal adhesion
- High surface energy provides excellent wet out for a variety of inks, coatings, and adhesives
- Most inks, barrier coatings, adhesives and metallization may be applied to the chemically primed side without additional priming or corona treatment
- Excellent handling characteristics

FDA Status

Both sides of Hostaphan® 2662N can be used in direct food contact with dry and fatty foods and with aqueous foods under low temperature conditions. These applications are subject to limitations found in 21 CFR 177.1630. Please contact a Polyester Film Sales Representative for more information.

Typical Properties of Hostaphan® 2662N Film

The Hostaphan® 2662N 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	32,000	ASTM D 882	
		kg/cm ²	2,250		
Yield Strength (F5)	MD	psi	15,000	ASTM D 882	
		kg/cm ²	1,050		
Ultimate Elongation	MD	%	100	ASTM D 882	
Modulus	MD	psi	600,000	ASTM D 882	
		kg/cm ²	42,200		
Coefficient of Friction A/B	Static	--	0.40	ASTM D 1894	
	Kinetic	--	0.37		
Shrinkage	MD	%	1.5	30 min. at 150°C	
	TD	%	0.4		
Tear Strength	MD	g/mil	20	ASTM D 1922	
		g/µm	0.8		
Moisture Vapor Transmission Rate	48 gauge	g /100 in ² •24 hr	3.7	ASTM E 96 , E	
		g /m ² •24 hr	57		
Oxygen Transmission Rate	48 gauge	cc /100 in ² •24 hr•atm	9.1	ASTM D 3985	
		cc /m ² •24hr•atm	141		
Density		g/cm ³	1.395	ASTM D 1505	
Total Haze*		%	48 gauge	2.7	ASTM D-1003
			75 "	5.1	
			92 "	6.2	

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

Approved HF 8/2019

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