

TRANSNYLON NYB1-F

DESCRIPTION:

TransNylon NYB1-F is a biaxially oriented nylon film coated on one side with PVdC.

CHARACTERISTICS:

- PVdC layer presents superior coating adhesion and laminating adhesion to other films
- Superior clarity
- Medium oxygen and moisture vapor barrier
- Excellent mechanical strength
- Provides long shelf life

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	60	-
Yield	in ² /lb	40,044	-
Tensile Strength MD	kpsi	35-40	ASTM D882
Tensile Strength TD	kpsi	35-40	ASTM D882
Elongation at Break MD	%	75-100%	ASTM D882
Elongation at Break TD	%	75-100%	ASTM D882
F-5 Value MD	kpsi	7.8	ASTM D882
F-5 Value TD	kpsi	6.9	ASTM D882
Modulus, Secant MD	kpsi	300-400	ASTM D882
Modulus, Secant TD	kpsi	300-400	ASTM D882
Dimensional Stability, MD	%	2.0	ASTM D2305
Dimensional Stability, TD	%	1.0	ASTM D2305
COF, Coated to Film	Kinetic	0.60-0.90	ASTM D1894
COF, Film to Stainless Steel	Kinetic	0.20-0.40	ASTM D1894
COF, Coated to Stainless Steel	Kinetic	0.40-0.50	ASTM D1894
Haze	%	2.5%	ASTM D1003
Surface tension, uncoated side	Dyne	>50 dynes/cm	ASTM D2578
WVTR @ 100°F/100%RH	g/100in ² /day	0.7-0.9	ASTM D1249
OTR @ 77°F/65%	cc/100in ² /day	0.9	ASTM D3985

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