

## TRANSNYLON NYCT1-F Biaxially Oriented Nylon (BOPA) Film

### DESCRIPTION

NYCT1-F is a biaxially oriented nylon film that is corona treated on one side used mostly in food packaging, general packaging, textile products, and balloon products.

### CHARACTERISTICS

- Outstanding impact strength
- Abrasion resistant
- Excellent tear strength
- High slip characteristics

### FDA STATUS

Manufactured with materials compliant with FDA regulations

### COMPLIANCE

Please visit [transcendia.com/compliance](https://transcendia.com/compliance) for more compliance information.

### TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness	gauge	48	60	100	-
Yield	in²/lb	50,500	40,400	24,300	-
Tensile Strength MD	kpsi	45			ASTM D882
Tensile Strength TD	kpsi	45			ASTM D882
Elongation at Break MD	%	160			ASTM D882
Elongation at Break TD	%	160			ASTM D882
Secant Modulus MD	kpsi	430		450	ASTM D882
Secant Modulus TD	kpsi	430		450	ASTM D882
Dimensional Stability (100°C/30min) MD	%	3			ASTM D2305
Dimensional Stability (100°C/30min) TD	%	2			ASTM D2305
CoF, A/B (Static)		0.5			ASTM D1894
CoF, A/B (Kinetic)		0.5			ASTM D1894
WVTR (23°C, 50% RH)	g/100in²/day	21	17	10	ASTM F1249
OTR (23°C, 50% RH)	cc/100in²/day	4.4	3.4	2.7	ASTM D3985
Haze	%	3.5	3.8	4.2	ASTM D1003
Surface tension, treated side	Dyne/cm	52			ASTM D2578

\*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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