

NATUREFLEX™ NP-F

DESCRIPTION:

NatureFlex™ NP-F is a transparent non heat-sealable compostable film.

CHARACTERISTICS:

- Based on renewable resources
- Certified as compostable in both industrial and home composting environments, also suitable for anaerobic digestion.
- Both sides of the film are equally receptive to inks and adhesives
- Excellent transparency and gloss
- Excellent dead-fold characteristics
- Inherent anti-static properties
- Highly permeable to water vapor with excellent barrier to gases and aromas
- Good environmental stability

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE							TEST METHOD
		82	89	96	109	123	137	164	
Thickness	Gauge	82	89	96	109	123	137	164	-
Yield	in ² /lb	23,400	21,650	20,100	17,600	15,600	14,000	11,750	-
Tensile Strength MD	psi	18,000	18,000	18,000	18,000	18,000	18,000	18,000	ASTM D882
Tensile Strength TD	psi	10,000	10,000	10,000	10,000	10,000	10,000	10,000	ASTM D882
Elongation at Break MD	%	22	22	22	22	22	22	22	ASTM D882
Elongation at Break TD	%	70	70	70	70	70	70	70	ASTM D882
Elasticity modulus (1% secant) MD	psi	>290,000	>290,000	>290,000	>290,000	>290,000	>290,000	>290,000	ASTM D882
Elasticity modulus (1% secant) TD	psi	>145,000	>145,000	>145,000	>145,000	>145,000	>145,000	>145,000	ASTM D882
C of F	Dynamic	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ASTM D1894
C of F	Static	0.50	0.50	0.50	0.50	0.50	0.50	0.50	ASTM D1894
OTR	cc/100 in ² /24 hrs	0.065	0.065	0.065	0.065	0.065	0.065	0.065	ASTM D1927 75°F 0% RH
Haze (wide angle) 2.5°	%	3	3	3	3	3	3	3	ASTM D1003

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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CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

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