

NATUREFLEX™ NP25-F

DESCRIPTION:

NatureFlex™ NP25-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
Thickness	Gauge	109	137	-
Yield	in ² /lb	17,600	14,000	-
Tensile Strength MD	psi	18,000	18,000	ASTM D882
Tensile Strength TD	psi	10,000	10,000	ASTM D882
Elongation at Break MD	%	22	22	ASTM D882
Elongation at Break TD	%	70	70	ASTM D882
Elasticity modulus (1% secant) MD	psi	>290,000	>290,000	ASTM D882
Elasticity modulus (1% secant) TD	psi	>145,000	>145,000	ASTM D882
C of F	Dynamic	0.50	0.50	ASTM D1894
C of F	Static	0.70	0.70	ASTM D1894
OTR	cc/100 in ² /24 hrs	0.06	0.06	ASTM D1927 75°F 0% RH

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