

NATUREFLEX™ NKME-F

DESCRIPTION:

NatureFlex™ NKME-F is a two side barrier coated, one side metallized compostable film.

CHARACTERISTICS:

- Based on renewable resources
- Heat sealable on non-metallized surface
- Certified as compostable in both industrial and home composting environments, also suitable for anaerobic digestion
- Excellent moisture barrier
- Highly receptive surfaces for ease of conversion
- Ultra high luster and sparkle
- Controlled slip characteristics
- Excellent dead-fold characteristics
- Inherent anti-static properties
- Excellent barrier to gases and aromas
- Excellent barrier to UV/visible light
- Resistant to oils and greases
- Cold seal compatible

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES		TEST METHOD
Thickness	Gauge	79	118	-
Yield	in ² /lb	24,250	16,400	-
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	>435,000	>425,000	ASTM D882
Elasticity modulus (1% secant) TD	psi	>220,000	>212,000	ASTM D882
Seal Strength	g(f)in	225	225	275°F; 0.5 secs; 10psi
Optical density		2.5	2.5	-
C of F (film to film)	Metallized surface	0.40	0.40	ASTM D1894
C of F (film to film)	Non-metallized surface	0.30	0.30	ASTM D1894
WVTR	g/100 in ² /24 hrs	.65	65	ASTM E96 100°F 90% RH
OTR	cc/100 in ² /24 hrs	0.03	0.03	ASTM D1927 75°F 0% RH
OTR	cc/100 in ² /24 hrs	<0.06	<0.06	ASTM D1927 75°F 50% RH

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