

NATUREFLEX™ NKR

DESCRIPTION:

NatureFlex NKR is a compostable, heat sealable, transparent high barrier film that is based on renewable resources. It offers an increased moisture barrier for the packing of more hygroscopic foods.

CHARACTERISTICS:

- Certified as compostable in both industrial and home composting environments.
- Excellent moisture barrier
- Heat-Sealable
- Excellent dead-fold characteristics
- Resistant to oils and grease
- Recommended as outer web in lamination

FDA STATUS:

Compliant with the US Food and Drug Administration regulations under 21 CFR 177.1630, Sections (f), (g), and (h) for direct food contact.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE			TEST METHOD
Thickness	Gauge	75	90	120	Transcendia Test
Yield (nominal)	in ² /lb.	25,500	21,000	16,400	Transcendia Test
Tensile Strength MD	Psi	18,000	18,000	18,000	ASTM D882A
Tensile Strength TD	Psi	10,000	10,000	10,000	ASTM D882A
Elongation at Break MD	%	22	22	22	ASTM D882A
Elongation at Break TD	%	70	70	70	ASTM D882A
Sealing Range Treated	°F	240-340	240-340	240-340	Transcendia Test
Seal Strength	G(f)/in	250	250	250	Transcendia Test
COF (film to film)	Static	0.35	0.35	0.35	ASTM D1894
COF (film to film)	Dynamic	0.30	0.30	0.30	ASTM D1894
Haze	%	2.5	2.5	2.5	ASTM D1003
Moisture Vapor Transmission Rate	g/100 in ² -24hr	0.95	0.95	0.95	ASTM E96
Oxygen Transmission Rate	Cc/100 in ² .24hrs	0.3	0.3	0.3	ASTM F1927
Gloss 45°	%	105	105	105	ASTM D2457

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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