

High Barrier Nylon/PE Film

Product Information

Nylon / EVOH / PE

Features

NLB co-extruded multilayer film has high oxygen barrier property, aroma retention and thermoforming applications.

- 60 μ and 80 μ film can be used as a sealing film in continuous automatic forming vacuum packaging and made into a high oxygen barrier bag when laminated with PET or OPP film.
- 139 μ and 150 μ film have the best formability, twist resistance without pinholes, high transparency, high gloss and have good gas barrier properties as well.
- NLB film is the best solution for packaging ready-to-eat products such as dried meat, sliced ham, bakery products, beef jerky, etc.

General Properties				High Barrier Nylon/PE Film Series			
Item		Reference Standards	Unit	F1106 NLB 60	F1127 NLB 80	15N01 NLB 139	F1154 NLB 150
Thickness			Micron (μ)	60	80	139	150
Yield point	MD	ASTM D882	Kg/cm ²	200	200	N/A	230
	TD			200	180	N/A	240
Break point	MD	ASTM D882	Kg/cm ²	600	500	N/A	540
	TD			500	460	N/A	570
Elongation percent	MD	ASTM D882	%	430	400	N/A	540
	TD			400	400	N/A	500
Tensile Modulus of elasticity 2%	MD	ASTM D882	Kg/cm ²	3000	4400	5000	6400
	TD			2800	4400	5000	6000
Static C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A	N/A	N/A
	Untreated			0.10	0.10	0.10	0.10
Kinetic C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A	N/A	N/A
	Untreated			0.10	0.10	0.10	0.10
HAZE		ASTM D1003	%	7	10	20	15
Oxygen Transmissions Rate		ISO 14663-2	c.c./m ² , 24hrs, atm, 20°C, 65% RH	2.6	0.8	0.5	0.31
Water vapor Transmission Rate		ASTM E96-E	g/m ² , 24hrs, 40°C, 90% RH	12.1	9.4	5	5.1

(The above are representative/measured values and not guaranteed values)