

High Barrier Nylon/PE Film

Nylon / EVOH / PE

Product Information

Features

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

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

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