

Thermoforming Nylon/PE Film

Product Information

Nylon / PE

Features

NL co-extruded film has medium oxygen barrier property, and thermoforming applications.

- 50 μ and 80 μ can be used as a sealing film in continuous automatic forming vacuum packaging and can be laminated with PET, OPP or other films to extend the range of applications.
- 120 μ , 150 μ , 180 μ and 262 μ are the best for formability, twist resistance without pinholes, high transparency and high gloss. Choose the thickness you need for the product's forming depth.
- NL film is the best solution for packaging fresh meat, and ready-to-eat products such as dried meat, sliced ham & cheese, bakery products, beef jerky, etc.

General Properties				Thermoforming Nylon/PE Film Series					
Item		Reference Standards	Unit	F2646 NL 50	F2624 NL 80	F2615 NL 120	F2613 NL 150	F2647 NL 180	15309 NL 262
Thickness			Micron (μ)	50	80	120	150	180	262
Yield point	MD	ASTM D882	Kg/cm ²	150	150	130	180	160	N/A
	TD			150	150	140	170	130	N/A
Break point	MD	ASTM D882	Kg/cm ²	450	460	320	430	400	N/A
	TD			380	470	330	450	430	N/A
Elongation percent	MD	ASTM D882	%	370	480	450	510	620	N/A
	TD			440	550	500	560	600	N/A
Tensile Modulus of elasticity 2%	MD	ASTM D882	Kg/cm ²	2400	2400	2400	3400	3400	4000
	TD			2100	2300	2300	3000	3200	4500
Static C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A	N/A	N/A	N/A	0.10
	Untreated			0.08	0.08	0.09	0.09	0.09	0.10
Kinetic C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A	N/A	N/A	N/A	0.08
	Untreated			0.07	0.08	0.08	0.09	0.08	0.09
HAZE		ASTM D1003	%	4	5.7	10	12.5	15	20
Corona-Treated Surface				N/A	N/A	NY	NY	NY	NY
Suggested Forming Depth			mm	-	10-15	10-30	40-50	60-70	60-100

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