

Thermoforming Nylon/RCPP Film

Nylon / Retort CPP

Product Information

Features

NR Retort-Grade Co-extruded Thermoforming Film. Engineered with advanced multi-layer co-extrusion technology, the NR Series offers exceptional thermal stability and gas barrier performance for high-temperature retort sterilization. Designed for continuous automatic FFS packaging lines, it reliably protects ready meals, bone-in poultry, sausages, bacon, and seafood.

- **Retort Integrity:** Withstands high-temperature sterilization without delamination or barrier degradation, extending ambient and cold-chain shelf life.
- **Deep Drawability & Puncture Resistance:** Delivers uniform wall thickness and superior flex-crack resistance, eliminating pinhole risks from sharp edges.
- **High Optical Clarity:** Exceptional gloss highlights food freshness while a broad heat-seal window ensures zero-defect, high-speed automated sealing.

General Properties				Thermoforming Nylon/RCPP Film Series	
Item		Reference Standards	Unit	F2235 NR135	F2237 NR150
Thickness			Micron (μ)	135	150
Yield point	MD	ASTM D882	Kg/cm ²	200	200
	TD			170	180
Break point	MD	ASTM D882	Kg/cm ²	400	450
	TD			350	400
Elongation percent	MD	ASTM D882	%	400	400
	TD			330	400
Tensile Modulus of elasticity 2%	MD	ASTM D882	Kg/cm ²	3500	5000
	TD			3500	4000
Static C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A
	Untreated			0.40	0.60
Kinetic C.O.F.	Treated	ASTM D1894	Kg/200g	N/A	N/A
	Untreated			0.35	0.45
HAZE		ASTM D1003	%	7	8
Corona-Treated Surface				NY	NY
Suggested Forming Depth			mm	30-50	30-50
Heat Resistance			°C	Up to 135°C	Up to 135°C

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

Intlpak Enterprises Corporation

No. 11, Gongye N. 5th Rd., Nantou City, Nantou County, 540028 Taiwan
 Tel : +886-49-2251-060
 Fax : +886-49-2251-064

Ver. EN260814-NR