

POLO TSY L92

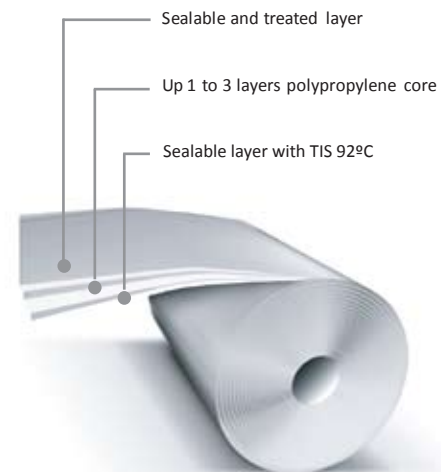
Bi-oriented coex polypropylene film, transparent, heat-sealable with initial temperature sealing as of 92°C

MAIN CHARACTERISTICS

Two-side heat-sealable BOPP film, transparent with initial temperature sealing as of 92°C, one side treated for printing usage both gravure and flexography techniques as well as lamination of excellent performance at VFFS and HFFS machines for speedness improvement.

APPLICATIONS

Monolayer or laminate structures for flexible packaging of biscuits, snacks, coffee, pasta, cereal bars, chocolate bars, ice-cream, cut sizes and general decorative applications that require VFFS and HFFS machines for lower initial temperature sealing.



Characteristics	Methodology	Unit	17 TSY L92	20 TSY L92	25 TSY L92	30 TSY L92
Thickness	DIN 53370	gauge micron	65 17.0	80 20.0	100 25.0	120 30.0
Unit Weight	ASTM D 4321	lb/ream g/m ²	9.5 15.4	11.1 18.1	13.9 22.6	16.7 27.2
Yield	ASTM D 4321	in ² /lb m ² /kg	45800 65.0	39000 55.2	31000 44.2	26000 36.8
Tensile Strength	MD TD ASTM D 882	lbf/in ² N/mm ² lbf/in ² N/mm ²	20370 140 34920 240	20370 140 34920 240	20370 140 34920 240	20300 140 30900 240
Elongation at break	MD TD ASTM D 882	%	170 50	170 50	170 50	180 60
Gloss (45°)	ASTM D 2457	-	90	90	90	90
Haze	ASTM D 1003	%	1.6	1.6	1.6	1.6
Sealing Range	Film/Film Untreated/Untreated ASTM F 88	°F	198 - 266	198 - 266	198 - 266	198 - 266
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	400	450	480	500
Shrinkage	MD TD ASTM D 1204	%	3 1	3 1	3 1	3 1
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.25	0.25	0.25	0.25
Surface treatment	Internal External ASTM D 2578	Dynes/cm	Absent Min. 38	Absent Min. 38	Absent Min. 38	Absent Min. 38
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	gH ₂ O/(100in ² .24hs) gH ₂ O/(m ² .day)	0.55 8.5	0.48 7.5	0.39 6.0	0.32 5.0
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	ccO ₂ /(100sq in ² .24hs) cm ³ O ₂ /(m ² .day)	210 3200	190 2900	150 2300	125 1900

SUPPLY SPECIFICATIONS

Width	0/+2 mm or 0/+ 0.08 inches from standard width
Outside diameter	- 30 mm or 1.18 inches from standard diameter + 20 mm or 0.8 inches from standard diameter
Core	Core: 153 mm or 6.0 inches / 77 mm or 3.0 inches Tolerance: +1 mm or + 0.04 inches
Number of splice per reel	Maximum 2
Percentage of splices per order	Maximum 30%

"The restrained information in this catalog represent typical data, and does not constitute genuine warranty liability as far as the product process and or application. For new thicknesses or application , please consult a Polo Film's specialist".



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