

POLO TFW

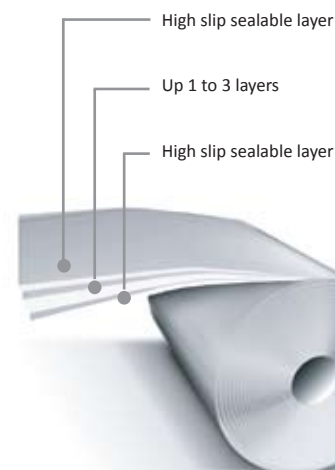
Bi-oriented polypropylene film, transparent, two sides heat sealable with stiffness property for overwrapping

MAIN CHARACTERISTICS

High stiffness and slip BOPP film, transparent, two sides heat-sealable with excellent performance in dead-fold type packs as well as at VFFS ou HFFS machines.

APPLICATIONS

Overwrapping for biscuits, bonbon box, CD's, non printed primary packaging for biscuits 3 X 1 and general food polyoverwrapping.



TYPICAL PROPERTIES

Characteristics	Methodology	Unit	20 TFW	25 TFW	30 TFW
Thickness	DIN 53370	gauge	80.0	100.0	120.0
		micron	20.0	25.0	30.0
Unit Weight	ASTM D 4321	lb/ream	11.1	13.9	16.7
		g/m ²	18.3	22.6	27.4
Yield	ASTM D 4321	in ² /lb	38900	31000	25900
		m ² /kg	54.8	44.2	36.5
Tensile Strength	MD TD ASTM D 882	lbf/in ²	23300	23300	23300
		N/mm ²	160	160	160
		lbf/in ²	34900	34900	34900
		N/mm ²	240	240	240
Elongation at break	MD TD ASTM D 882	%	160	160	160
			50	50	50
Gloss(45°)	ASTM D 2457	-	95	95	95
Haze	ASTM D 1003	%	1.8	1.8	1.8
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	400	400	400
Shrinkage	MD TD ASTM D 1204	%	6	6	6
			4	4	4
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.25	0.25	0.25
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	gH ₂ O/(100in ² .24hs)	0.48	0.48	0.48
		gH ₂ O/(m ² .day)	7.5	7.5	7.5
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	ccO ₂ /(100sqin ² .24hs)	122.0	122.0	122.0
		cm ³ O ₂ /(m ² .day)	1900	1900	1900

SUPPLY SPECIFICATIONS

Width	0/+1 mm or 0/+ 0.04 inches from standard width
Outside diameter	- 20 mm or 0.8 inches from standard diameter + 10 mm or 0.4 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 1
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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