

POLO TBP

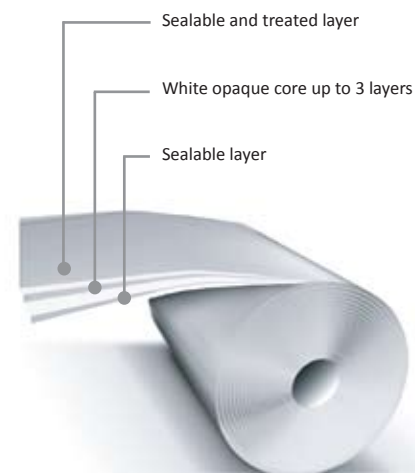
Bi-oriented cavitated polypropylene film with pearlescent white opaque finish, heat-sealable

MAIN CHARACTERISTICS

Opaque BOPP film with white pearlescent aspect, heat-sealable. May be one or two sides treated.

APPLICATIONS

Monolayer or laminate structures for flexible packaging of biscuits, ice-cream, confectionery, soap, roll label for bottles and general decorative applications.



TYPICAL PROPERTIES

Characteristics	Methodology	Unit	20 TBP 32	22 TBP 32	26 TBP 32
Thickness	DIN 53370	gauge micron	107 26.7	120 29.3	140 34.7
Unit Weight	ASTM D 4321	lb/ream g/m ²	12.3 20.0	13.5 22.0	16.0 26.0
Yield	ASTM D 4321	in ² /lb m ² /kg	35000 50.0	31900 45.5	27000 38.5
Tensile Strength	MD TD ASTM D 882	lbf/in ² N/mm ² lbf/in ² N/mm ²	11600 80 20300 140	11600 80 20300 140	11600 80 20300 140
Elongation at break	MD TD ASTM D 882	%	120 40	120 40	120 40
Gloss(45°)	ASTM D 2457	-	85	85	85
Light Transmission	ASTM D 1003	%	29	29	29
Sealing Range	Film/Film Untreated/Untreated ASTM F 88	°C °F	105-130 221-266	105-130 221-266	105-130 221-266
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	350	390	400
Shrinkage	MD TD ASTM D 1204	%	3 1	3 1	3 1
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.30	0.30	0.30
Superficial Tension	Inner side Outer side ASTM D 2578	Dynes/cm	Absent Min. 38	Absent Min. 38	Absent Min. 38
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	g H ₂ O/(100in ² .24hs) g H ₂ O/(m ² .day)	0.45 7.0	0.42 6.5	0.39 6.0
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	ccO ₂ /(100sqin ² .24hs) cm O ₂ /(m ² .day)	155.0 2400	148.0 2300	122.0 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%



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