

# POLO TBM

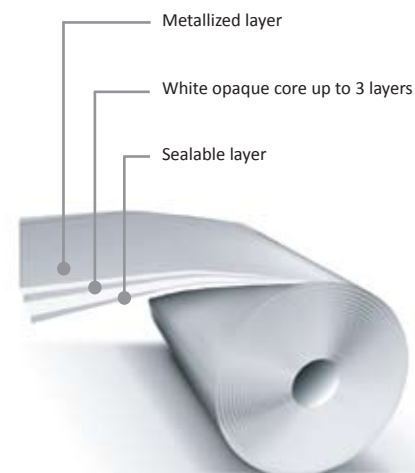
**Bi-oriented cavitated polypropylene film with pearlescent white opaque finish, heat-sealable and metallized**

## MAIN CHARACTERISTICS

Opaque BOPP film with white pearlescent aspect, metallized in one side and heat-sealable in other side.

## 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	22 TBM 10	26 TBM 10	
Thickness	DIN 53370	gauge	120	140	
		micron	29.3	34.7	
Unit Weight	ASTM D 4321	lb/ream	13.5	16.0	
		g/m <sup>2</sup>	22.0	26.0	
Yield	ASTM D 4321	in <sup>2</sup> /lb	31900	27000	
		m <sup>2</sup> /kg	45.5	38.5	
Tensile Strength	ASTM D 4321	MD	11600	11600	
		TD	80	80	
		N/mm <sup>2</sup>	20300	20300	
		lb/in <sup>2</sup>	140	140	
Elongation at break	ASTM D 882	MD	120	120	
		TD	40	40	
Sealing Strength	Film/Film Untreated/Untreated	ASTM F 88	g/in	390	400
Shrinkage	ASTM D 1204	MD	3	3	
		TD	1	1	
Sealing Range	Film/Film Untreated/Untreated	ASTM F 88	°C	105-130	105-130
COF	Film/Film Untreated/Untreated	ASTM D 1894	-	0.35	0.35
WVTR	ASTM F 1249	73F/90%RH	g H <sub>2</sub> O/(100in <sup>2</sup> .24hs)	0.10	0.08
		38°C/90%RH	g H <sub>2</sub> O/(m <sup>2</sup> .day)	1.5	1.2
OTR	ASTM D 3985	73F/760 mm Hg	cc O <sub>2</sub> /(100sq in <sup>2</sup> .24hs)	13.5	11.6
		23°C / 1 atm	cm <sup>3</sup> O <sub>2</sub> /(m <sup>2</sup> .day)	210	180

## 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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