

# POLO TBP CTW

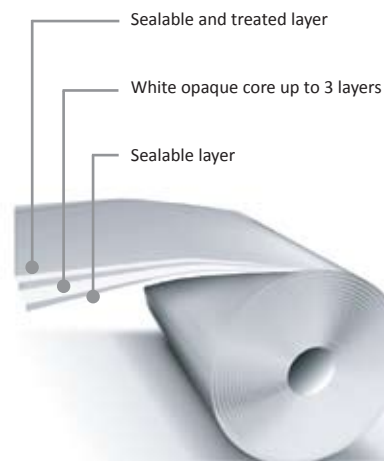
**Bi-oriented cavitated polypropylene film with pearlescent white opaque finish, heat-sealable to Cut Size Wrapping**

## MAIN CHARACTERISTICS

Opaque BOPP film with white pearlescent aspect, heat-sealable with one side specially treated for Cut Size Wrapping applications. May be one or two sides treated.

## APPLICATIONS

Specially developed for Cut Size Wrapping applications.



## TYPICAL PROPERTIES

Characteristics	Methodology	Unit	22 TBP CTW
Thickness	DIN 53370	gauge micron	120 29.3
Unit Weight	ASTM D 4321	lb/ream g/m <sup>2</sup>	13.5 22.0
Yield	ASTM D 4321	in <sup>2</sup> /lb m <sup>2</sup> /kg	31900 45.5
Tensile Strength	MD TD ASTM D 4321	lbf/in <sup>2</sup> N/mm <sup>2</sup> lbf/in <sup>2</sup> N/mm <sup>2</sup>	11600 80 20300 140
Elongation at break	MD TD ASTM D 882	%	120 40
Gloss(45°)	ASTM D 2457	-	85
Light Transmission	ASTM D 1003	%	29
Sealing Range	Film/Film Untreated/Untreated ASTM F 88	°C	105-130
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	390
Shrinkage	MD TD ASTM D 1204	%	3 1
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.30
Superficial Tension	Inner side Outer side ASTM D 2578	Dynes/cm	Absent Min. 38
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	gH <sub>2</sub> O/(100 in <sup>2</sup> .24hs) gH <sub>2</sub> O/(m <sup>2</sup> .day)	0.42 6.5
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	ccO <sub>2</sub> /(100sq in <sup>2</sup> .24hs) cm <sup>3</sup> O <sub>2</sub> /(m <sup>2</sup> .day)	148.0 2300

## 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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"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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"For information on conditions of supply and minimum volumes, please contact the Polo Films. Image of the coil for illustrative purposes."