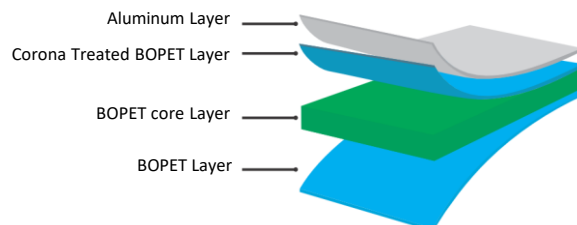


## PETMET 180S

## Metallized BOPET Film

- Features:
- High optical density
  - Good flex crack resistance
  - Shiny metallic appearance
  - Excellent thermal stability and flatness
  - Excellent light and oxygen barrier
  - Outstanding metal bond on corona side

- Application:
- General purpose metallized film for flexible packaging; applicable in lamination, printing and coating.



Specification	Test Method	Unit	Test Direction	8μ	10μ	12μ	18μ	23μ	36μ
Yield	ASTM D4321	m <sup>2</sup> /Kg	-	89.3	71.4	59.5	39.6	31.1	19.8
Wetting Tension	ASTM D2578	Dyne/cm	Metal Side	60					
Tensile Strength	ASTM D882	N/mm <sup>2</sup>	MD	180			190		
			TD	190			200		
Elongation at Break	ASTM D882	%	MD	130			135		
			TD	120			125		
Thermal Shrinkage (150 °C, 30 min)	ASTM D1204	%	MD	2			1.5		
			TD	1			0.5		
Metal Bond Strength	AIMCAL	gr/25 mm	-	50		70		110	
Optical Density	Gretag	-	-	2					
Dynamic C.O.F	ASTM D1894	-	Film-Film	0.5					
			Film-Metal	0.35					
WVTR (38° C , 90% RH)	ASTM F1249	g/m <sup>2</sup> /day	-	1					
OTR (23° C , 0% RH)	ASTM D3985	cc/m <sup>2</sup> /day	-	1					

MD: Machine direction, TD: Transverse direction

Treated film can also be supplied upon request (Petmet 181 S)

**Storage and Handling :** PETMET need to be stored in a closed place and should be prevented to expose to direct sunlight or light sources. It is recommended to store at conditions not exceeding 35 C and in relative humidity less than 60%.

**Food Contact :** This film complies with the EU and FDA regulations. Specific documents are available upon request.

**Disclaimer :** PETCO does not guarantee the typical values. Any data included herein is based on the analysis of representative samples and not the actual product shipped. NO guarantee is made regarding information presented in this document. The user is solely responsible for all determinations regarding use and therefore PETCO denies any responsibility for any loss or damage that may occur from the use of this information. PETCO strongly suggests that before any vast usage, make sure to study "Customer' s Guide " and test our product in limited amounts.