

Description :

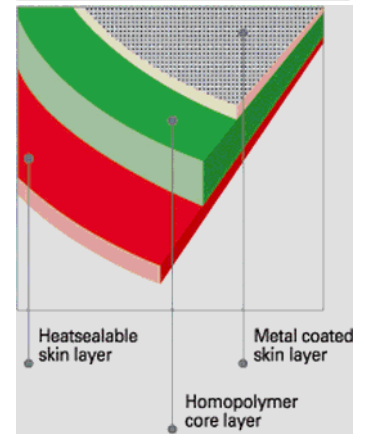
Metallized, heat sealable, high barrier BOPP film for food&confectionary packaging

Features and applications :

- * One side metallized; other side heat sealable
- * Excellent dimensional stability
- * Outstanding barrier properties to gas, moisture and light
- * Excellent metal adhesion
- * Metallized side for printing and lamination
- * For general packaging applications requiring barrier property (potato chips, coffee, snacks cookie packaging etc.)

Available gauge(s) (µm) : 15,18,20,30

Metallized BOPP film's surface treatment is affected by climate conditions. Primer on metallized surface is recommended for printing, inline corona treatment is recommended for lamination.



Properties	Unit		Technical Values				Test Method
Thickness	µm		15	18	20	30	ASTM D 2673
Yield	m2/kg		73,3	61	54,9	36,6	ASTM D 2673
Optical density	%		2,5	2,5	2,5	2,5	POLINAS
Dimensional stability	%	MD	-4	-4	-4	-4	ASTM D 1204
	%	TD	-1,5	-1,5	-1,5	-1,5	
Tensile strength at break	kg/mm ²	MD	14	12	12	12	ASTM D 882
	kg/mm ²	TD	30	30	30	30	
Elongation	%	MD	175	175	175	175	ASTM D 882
	%	TD	50	50	50	50	
C.O.F	BB		=< 0,5	=< 0,5	=< 0,5	=< 0,5	ASTM D 1894
Heat seal temperature	°C *BB		115	115	115	115	POLINAS
OTR (23C, 0%RH)	cm3/m2/24h		50	50	50	50	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h		0,3	0,3	0,3	0,3	ASTM F 1249

OD: Optical Density - F: Front (Metallized Side) - B: Back - *220 N, 1 sec, 200 g/25mm

This film complies with the EC and FDA food contact regulations. Detailed documentation is available on your request.

All the information contained in this datasheet is supplied at the best of our knowledge and must not be construed as a guarantee. Since the circumstances and processes used in the application of our product are beyond our control, our guarantee remains within the limits of the generic conditions of supply of the product itself. Business Development and Customer Solutions Department is available to supply upon request all the updated recommendations relevant to the best converting and processing techniques for the product. Also, different film thicknesses and properties are available upon request.



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Main Plant : Organize Sanayi Bölgesi, Manisa 45030 - Tel : +90 236 226 22 00 (pbx) Fax : +90 236 233 25 25 e-mail : info@polinas.com.tr

Istanbul Office : Kısıklı Mah., Alemda Cad. No:60 Masaldan Merkezi, F Blok Kat:1, 34692 Üsküdar / istanbul 34692 - Tel: +90 850 209 19 00 Fax: +90 236 233 25 25