



Description :

Polinas PXM is a bi-axially oriented polyester (BOPET) film with external side is metallized. Specially designed for flexible packaging applications where high barrier properties are required.

Features and applications :

- * Excellent machinability
- * Not suitable for pasteurization
- * Unprotected metallized side must be not in contact with foods.
- * Good dimensional stability

Available gauge(s) (µm) : 12,19,23,36

PXM needs to be stocked in a closed warehouse and preserved from the light. Polinas will not accept any responsibility for material older than 1 year from the delivery

Properties	Unit	Technical Values				Test Method
Thickness	µm	12	19	23	36	ASTM D 2673
Yield	m2/kg	59,95	37,9	31,28	20	ASTM D 2673
Optical density	%	2,3	2,3	2,3	2,3	POLINAS
Dimensional stability	% MD	=< 1,5	=< 1,5	=< 1,5	=< 1,5	ASTM D 1204
	% TD	=< 1	=< 1	=< 1	=< 1	
Tensile strength at break	kg/mm ² MD	22	22	23	23	ASTM D 882
	kg/mm ² TD	25	25	24	24	
Elongation	% MD	120	120	130	130	ASTM D 882
	% TD	110	110	120	120	
C.O.F	BB	=< 0,5	=< 0,5	=< 0,5	=< 0,5	ASTM D 1894
OTR (23C, 0%RH)	cm3/m2/24h	1	1	1	1	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h	0,5	0,5	0,5	0,5	ASTM F 1249

F: Front B: Back

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 İ Merkezi, F Blok Kat:1, 34692 Üsküdar / İstanbul 34692 - Tel: +90 850 209 19 00 Fax: +90 236 233 25 25