

Description :

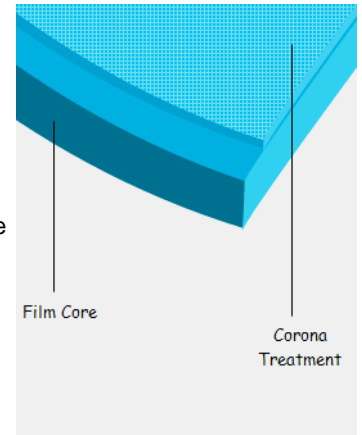
Polinas PXE is a bi-axially oriented polyester (BOPET) film with the external side corona treated for the improvement of adhesion of inks and adhesives.

Features and applications :

- * One side corona treated
- * Superior gloss and clarity
- * Good dimensional stability
- * Excellent machinability
- * Excellent stiffness
- * Designed for use in printing, coating and lamination processes for general purpose flexible packaging applications

Available gauge(s) (µm) : 12,23,36,50

PXE 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	23	36	50	ASTM D 2673
Yield	m ² /kg	59,9	31,28	19,98	14,3	ASTM D 2673
Haze	%	≤ 4	≤ 5	≤ 5	≤ 5	ASTM D 1003
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	23	23	23	ASTM D 882
	kg/mm ² TD	25	24	24	24	
Elongation	% MD	130	130	130	130	ASTM D 882
	% TD	110	120	120	120	
C.O.F	BB	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	ASTM D 1894
Surface tension	dyne/cm F	52	52	52	52	ASTM D 2578
OTR (23C, 0%RH)	cm ³ /m ² /24h	110	55	35	25	ASTM D 3985
WVTR (38C, 90%RH)	gr/m ² /24h	50	25	15	10	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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