



Description :

KMX is biaxially oriented polyester (BOPET) films with chemical coated side metallized. Other side is corona treated.
High barrier flexible packages for: coffee, dehydrated food, frozen food, lidding, snacks, etc.

Features and applications :

- * Excellent machinability
- * Superior adhesion with different inks and coating materials
- * Unprotected metallized side must be not in contact with foods.
- * Designed for triplex application
- * The choice of laminating type and lamination adhesives, which can effect the metal adhesion force after application, is based on customer's knowledge and experience.

Available gauge(s) (µm) : 12,19,23,36

KMX 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	ASTM D 2673
Yield	m2/kg		59,95	37,9	31,3	ASTM D 2673
Optical density	%		2,3	2,3	2,3	POLINAS
Dimensional stability	%	MD	=< 1,5	=< 1,5	=< 1,5	ASTM D 1204
	%	TD	=< 1	=< 1	=< 1	
Tensile strength at break	kg/mm ²	MD	22	23	23	ASTM D 882
	kg/mm ²	TD	25	23	23	
Elongation	%	MD	120	130	130	ASTM D 882
	%	TD	110	120	120	
C.O.F		BM	=< 0,75	=< 0,75	=< 0,75	ASTM D 1894
Surface tension	dyne/cm	B	52	52	52	ASTM D 2578
OTR (23C, 0%RH)	cm3/m2/24h		1	1	1	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h		0,5	0,5	0,5	ASTM F 1249
Metal Adhesion Force	g/15mm		>= 800	>= 800	>= 800	POLINAS
C.O.F		BB	=< 0,75	=< 0,75	=< 0,75	ASTM D 1894

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.



Date :27.02.2024