



Description :

PKR is a bi-axially oriented polyester (BOPET) film with one side chemically treated.

Features and applications :

- * One side chemically treated
- * Superior gloss and clarity
- * Good dimensional stability
- * Excellent machinability
- * Excellent stiffness
- * Superior adhesion with different inks and coating materials.
- * PKR is a retortable film (lab test 120°C, 30 min)
- * Particularly suitable for applications where thermal process is required

Available gauge(s) (µm) : 12,19,23,36

PKR 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		59,9	37,86	31,28	19,98	ASTM D 2673
Haze	%		=< 4	=< 4	=< 4,5	=< 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
OTR (23C, 0%RH)	cm3/m2/24h		110	70	55	35	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h		50	30	25	15	ASTM F 1249
Surface tension	dyne/cm	B	42	42	42	42	ASTM D 2578

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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