



Polinas

BOPP FILMS

POLINEX®

114H

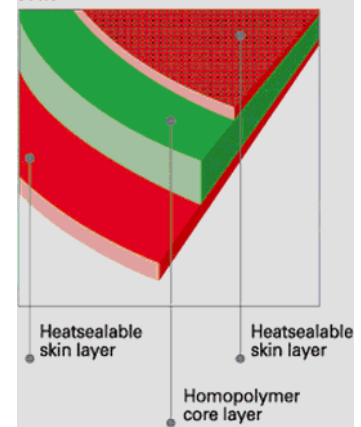
Description :

Transparent, both sides heat sealable BOPP film for food & confectionery packaging

Features and applications :

- * One side corona treated
- * Suitable for single ply & lamination applications
- * Excellent machinability on a wide range of packaging machines
- * Excellent gloss and clarity
- * Excellent hot tack and sealing strength
- * Excellent ink adhesion with flexographic and rotogravure

Available gauge(s) (µm) : 15,20,25,30,35,40,50



Properties	Unit	Technical Values				Test Method
Thickness	µm	15	20	25	30	ASTM D 2673
Yield	m2/kg	73,3	55	44	36,6	ASTM D 2673
Haze	%	=< 2,5	=< 2,5	=< 3	=< 3	ASTM D 1003
Gloss	% F	90	90	90	90	ASTM D 2457
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	14	14	14	ASTM D 882
	kg/mm ² TD	30	30	30	30	
Elongation	% MD	190	190	190	190	ASTM D 882
	% TD	50	50	50	50	
Heat-seal temperature	°C FB	120	120	120	120	POLINAS
Heat seal temperature	°C *BB	110 - 145	110 - 145	110 - 145	110 - 145	POLINAS
C.O.F	BB	=< 0,3	=< 0,3	=< 0,3	=< 0,3	ASTM D 1894
Surface tension	dyne/cm F	>= 38	>= 38	>= 38	>= 38	ASTM D 2578
OTR (23C, 0%RH)	cm3/m2/24h	2.800	2.300	1.900	1.600	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h	8,5	6,5	5,5	5	ASTM F 1249

F: Front - B: Back - *130 °C, 450N, 0,5 s : >= 2 N/15mm

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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