



# Polinas

BOPP FILMS

**POLINEX®**

**114HB**

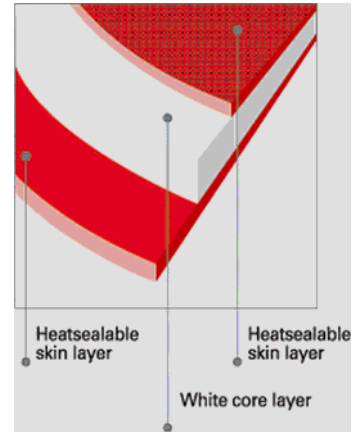
## Description :

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

## Features and applications :

- \* One side corona treated
- \* Excellent hot tack and sealing strength
- \* Suitable for single ply & lamination applications
- \* Cost-saving converting process due to its natural solid white color
- \* Ideal whiteness and gloss
- \* Excellent machinability on a wide range of packaging machines
- \* Excellent ink adhesion with flexographic and rotogravure

**Available gauge(s) (µm) :** 20,30



Properties	Unit	Technical Values		Test Method
Thickness	µm	20	30	ASTM D 2673
Yield	m2/kg	52,1	34,7	ASTM D 2673
TT	%	50	50	ASTM D 1003
Gloss	% F	50	50	ASTM D 2457
Dimensional stability	% MD	-4	-4	ASTM D 1204
	% TD	-1,5	-1,5	
Tensile strength at break	kg/mm <sup>2</sup> MD	12	12	ASTM D 882
	kg/mm <sup>2</sup> TD	25	25	
Elongation	% MD	190	190	ASTM D 882
	% TD	50	50	
C.O.F	BB	=< 0,35	=< 0,35	ASTM D 1894
Surface tension	dyne/cm F	>= 36	>= 36	ASTM D 2578
Heat-seal temperature	°C FB	120	120	POLINAS
Heat seal temperature	°C *BB	110 - 145	110 - 145	POLINAS
OTR (23C, 0%RH)	cm3/m2/24h	2.800	1.800	ASTM D 3985
WVTR (38C, 90%RH)	gr/m2/24h	7	4,5	ASTM F 1249

TT: Total Light Transmission - 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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