

FOIL-ALOX BOPP HIGH BARRIER CLEAR POLYPROPYLENE FILM

Developmental Data Sheet

Top-Coated AlOx One Side, Corona Treated Other Side

Properties	Typical Value		Units	Test Method
Thickness	0.71		mil	Nominal
Yield	42,110		in ² /lb	
Tensile Strength	20,300 36,200	MD TD	psi	ASTM D882
Elongation	160 50	MD TD	%	ASTM D882
Secant Modulus	261,000	MD	Psi	DIN 53457
Light Transmission	>70		%	CMP OD-1
WVTR	0.14		g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR	0.025		cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)

The polypropylene side is in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1). Non-objection letter on file from Health Protection Branch of Canadian Food Inspection Agency (CFIA). This film also complies with relevant requirements of the Swiss Chemicals Ordinance SR 813.11(ChemO) and European Regulation No. 10/2011 for food contact.

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.



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Top-Coated AlOx One Side, Corona Treated Other Side

Properties	Typical Value		Units	Test Method
Thickness	18,0		micron	Nominal
Yield	59,77		m ² /kg	
Tensile Strength	140 250	MD TD	N/mm ²	ASTM D882
Elongation	160 50	MD TD	%	ASTM D882
Secant Modulus	1800	MD	N/mm ²	DIN 53457
Light Transmission	>70		%	CMP OD-1
WVTR	2,2		g/m ² /24 hr.	ASTM F-1249 (38° C, 90% RH)
OTR	0,38		cc/m ² /24 hr.	ASTM D-3985 (23° C, 50% RH)

The polypropylene side complies with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1). Non-objection letter on file from Health Protection Branch of Canadian Food Inspection Agency (CFIA). This film also complies with the relevant requirements of the Swiss Chemicals Ordinance SR 813.11(ChemO) and European Regulation No. 10/2011 for food contact.

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