

FOIL-ALOX MDO PE HIGH BARRIER CLEAR ORIENTED POLYETHYLENE FILM

Developmental Data Sheet (Imperial)

Top-Coated ALOx One Side, Treated Other Side

Properties		Typical Value	Units	Test Method
Thickness		1.0	mil	Nominal*
Yield		28,060	in ² /lb	
Tensile Strength (Break)	MD	32,000	psi	ASTM D-882
	TD	5,000		
Secant Modulus (1%)	MD	375,000	psi	ASTM D-882
	TD	300,000		
Elongation	MD	25	%	ASTM D-882
	TD	5		
Elmendorf Tear	MD	75	g	ASTM D-1922
	TD	75		
Light Transmission		>70	%	CMP OD-1
WVTR		0.2	g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR		0.02	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact. Non-objection approval letter is 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.

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