

O2 BARRIER SEALANT HB METALLIZED POLYETHYLENE FILM

Typical Values

Metal One Side, Low COF and High Seal Strength Other Side
 Metallized PE Sealant Film

Properties	Typical Value	Units	Test Method
Yield	19,600	in ² /lb	
Thickness	1.5 38	Mil μm	
Tensile Strength (Break)	4,200 MD 3,350 TD	Psi	ASTM D882
Secant Modulus (1%)	74,500 MD 78,600 TD	Psi	ASTM D882
Elongation	250 MD 475 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	< 0.2	Sealant to Sealant	ASTM D-1894
WVTR	0.07	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.03	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300	g/in	CMP MA-1
Heat Seal Initiation Temperature	220	° F	
Ultimate Seal Strength	> 1500 (Destruct)	g/in	

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

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