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O2 BARRIER SEALANT METALLIZED POLYETHYLENE FILM

Typical Values

Metal One Side, Low COF and High Seal Strength Other Side

1.5 mil PE Sealant Film

FILM PROPERTIES	TEST METHOD	UNITS		TYPICAL VALUE
Thickness		mil		1.5
Yield		in ² /lb		19,600
Gloss (45°)	ASTM D-2457	%		60 - 65
Coefficient of Friction	ASTM D-1894	Sealant to sealant		<0.2
Tensile Strength (Break)	ASTM D-882	psi	MD	4,590
			TD	3,390
Elongation	ASTM D-882	%	MD	226
			TD	434
Secant Modulus (1%)	ASTM D-882	psi	MD	93,800
			TD	102,600
Metal Adhesion	CMP MA-1	g/in		400
Oxygen Transmission Rate	ASTM D-3985	cc/100in ² / 24 hrs (73.4° F, 50% RH)		0.03
Water Vapor Transmission	ASTM F1249	g/100in ² / 24 hrs (100° F, 90% RH)		0.07
Heat Seal Initiation Temperature		°F		220
Ultimate Seal Strength		g/in		>1500 (Destruct)

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

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