



BARRIER SEALANT PLUS

METALLIZED CAST POLYPROPYLENE FILM

Typical Values
Metal One Side, Low COF and High Seal Strength Other Side
1.2 mil PE Sealant Film

FILM PROPERTIES	TEST METHOD	UNITS		TYPICAL VALUE
Thickness		mil		1.18
Yield		in ² /lb		26,000
Optical Density	Macbeth Densitometer	%		2.1 min
Light Transmission	ASTM D1003-61			<1.0
Tensile Strength	ASTM D-882	psi	MD TD	6,300 2,800
Coefficient of Friction	ASTM D-1894	Sealant to sealant		<0.2
Elongation	ASTM D-882	%	MD TD	400 500
Secant Modulus (1%)	ASTM D-882	psi	MD TD	90,000 93,000
Metal Adhesion	CMP MA-1	g/in		400
Oxygen Transmission Rate	ASTM D-3985	cc/100in ² / 24 hrs (73.4° F, 50% RH)		3-5
Water Vapor Transmission	ASTM F1249	g/100in ² / 24 hrs (100° F, 90% RH)		<0.01
Heat Seal Initiation Temperature		°F		230
Metal to OPP Bond Strength		g/in		>600

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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