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CEL-MET™ CPP METALLIZED CPP FILM

Metal One Side, Heat Sealable Other Side

A high clarity, low slip, surface differentiated copolymer polypropylene providing good machine-ability and side weld seals. Suitable for medical & gel sensitive laminations.
Available .80 mil – 2.0 mil

Typical Physical Properties

FILM PROPERTIES	TEST METHOD	UNIT		TYPICAL VALUE
Thickness		mil		1.00
Yield		sq. in/lb		30,800
Optical Density	Macbeth Densitometer	%		2.1 min.
Light Transmission	ASTM D-1003-61	%		<1
Haze	ASTM D-1003	%		2.0
Gloss (45°)	ASTM D-2457	%		84
Tensile Strength (Break)	ASTM D-882	psi	MD TD	6,500 5,500
Elongation	ASTM D-882	&	MD TD	600 650
Secant Modulus (1%)	ASTM D-882	psi	MD TD	75,000 70,000
Coefficient of Friction	ASTM D-1894	Film-to-film		0.15
Elmendorf Tear Strength	ASTM D-1922	GRMS	MD TD	20 120
Water Vapor Transmission	ASTM F-1249 100° F, 100% RH	g/100in ² / 24 hrs		0.04
Oxygen Transmission	cc/100in ² /24 hrs	ASTM D3985 72° F 0% RH		3 - 5
Metal to OPP Bond Strength	g/in.	CMP MA-1		> 400

FDA: Complies with FDA regulations 21 CFR 177.1520 paragraph © (3.1) (non cooking).
 The non-metallized side may be used in food contact.
 The metallized side is intended for indirect food contact.

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