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CEL-MET™ CPP Film

Metallized CPP

Metallized one side, heat sealable the opposite side

High barrier metallized cast polypropylene with excellent metal adhesion. For use in adhesive lamination, one side is sealable on the non-metallized side. Film exhibits high tensile strength and puncture resistance. Good machinability and slip characteristics with a wide seal range on the heat seal layer. Conforms to FDA requirements.

Properties		Typical Values		Unit	Testing Method
Thickness		120	160	Gauge	ASTM D6988
Yield		25,660	19,500	sq. in/lb	ASTM D4321
Optical Density		2.1 min.		Tobias Densitometer	CMP OD-1
Light Transmission		<1		%	ASTM D1003-61
Heat Seal Initiation Temperature Non-metallized side (60 psi, 0.5 sec)		233.6		º F (>300g)	
Coefficient of Friction		0.29 0.21		F/F Kinetic F/M Kinetic	ASTM D1894
Tensile strength at Break	MD TD	8,259 6,085	7,970 6,375	lb./sq.in	ASTM D882
Elongation at Break	MD TD	735 850	750 900	%	ASTM D882
Water Vapor Transmission		0.04		g/100in²/ 24 hrs	ASTM F1249 100º F, 90% RH
Oxygen Transmission		3 - 5		cc/100in²/24 hrs	ASTM D3985 72º F, 50% RH
Metal Adhesion		300		g/in	CMP MA-1

Celplast does not guarantee the corona treatment on metallized CPP films. We recommend storing this film for no longer than two months. If storage exceeds two months, apply primer or re-treat in line, or consult your ink and adhesive supplier for best results.

CEL-MET CPP meets F.D.A. Requirements of 21 CFR 177.1520 (3.1). **This regulation describes polypropylene & olefin copolymers that can be safely used in articles used for packaging or holding food at low temperatures and/or room temperature.**

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