

## CEL-MET™ LS BOPP METALLIZED POLYPROPYLENE FILM

### Typical Values

Metal One Side, Heat Sealable Other Side

A metallized co-extruded bi-axially oriented polypropylene with the following features:

- Superior metal adhesion for inner web of extrusion lamination
- Excellent slip on the sealable side
- Low heat seal initiation, with a wide seal range
- Outstanding light and moisture barrier

Properties	Typical Values			Unit	Test Method
Thickness	0.90	1.00	1.20	Mil	
	20	25	30	µm	
Yield	34,300	31,500	26,200	sq. in/lb	
Optical Density	2.0 min.			Tobias densitometer	OD-1
Tensile Strength	MD	21,000		psi	ASTM D882
	TD	40,000			
Elongation	MD	180		%	ASTM D882
	TD	60			
Shrinkage	MD	< 6		%	5 min. 266° F (air oven)
	TD	< 4			
Co-efficient of Friction (Sealable side to sealable side)	0.27			Kinetic	ASTM D1894
Heat Seal Initiation	205			Deg. F	1/2 sec. 30 psi
Water Vapor Transmission	0.06			g/100in <sup>2</sup> / 24 hrs	ASTM F1249 100° F, 100% RH
Oxygen Transmission	4 - 5			cc/100in <sup>2</sup> /24 hrs	ASTM D3985 72° F 0% RH

The polypropylene side complies with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1).

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