

## CEL-MET<sup>®</sup> CPP 120g METALLIZED CAST POLYPROPYLENE FILM Typical Values

Metal One Side, Heat Sealable Other Side

High barrier metallized cast polypropylene. A highly reflective low slip surface in a differentiated copolymer polypropylene. Provides good machine-ability and side weld seals. Suitable for medical and gel sensitive laminations. *Available 0.80 mil – 2.0 mil*

Properties	Typical Value		Units	Test Method
<b>Yield</b>	25,600		in <sup>2</sup> /lb	
<b>Thickness</b>	1.20 30		Mil µm	
<b>Tensile Strength</b>	6,300 2,800	MD TD	Psi	ASTM D882
<b>Minimum Heat Seal Strength</b>	512		g/in	ASTM F 88-85 0.5 sec, 60 psi, 230° F
<b>Ultimate Seal Strength</b>	2,500		g/in	ASTM F 88-85 0.5 sec, 60 psi, 252° F
<b>Elongation</b>	400 500	MD TD	%	ASTM D882
<b>Optical Density</b>	2.0		Macbeth	CMP OD-1
<b>Light Transmission</b>	< 1.0		%	
<b>Coefficient of Friction</b>	0.18	Kinetic	-	ASTM D1894
<b>WVTR</b>	0.04		g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	3-5		cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
<b>Metal Adhesion</b>	300		g/in	CMP MA-1

The CPP side is in compliance with the regulation FDA 21 CFR 177.1520 (3.1).

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