

CEL-MET™ 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
Yield	25,600	in ² /lb	
Thickness	1.20 30	Mil µm	
Tensile Strength	6,300 MD 2,800 TD	Psi	ASTM D882
Elongation	400 MD 500 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	0.18 Kinetic	-	ASTM D1894
WVTR	0.04	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	3-5	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300	g/in	CMP MA-1
Heat Seal Initiation Temperature	230	°F	60psi, 0.5s

The CPP side is in compliance with the regulation FDA 21 CFR 177.1520 (3.1). The metallized side is intended for indirect food contact.

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