

CEL-MET® BOPP 60g METALLIZED POLYPROPYLENE FILM

Typical Values Metal One Side, Heat Sealable Other Side

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

- Wide seal range
- Good hot tack
- Excellent web flatness
- Superior metal adhesion and resistance to “crazing” from extrusion lamination
- Outstanding light and moisture barrier

Properties	Typical Value	Units	Test Method
Yield	51,800	in ² /lb	
Thickness	0.60 15	Mil µm	
Tensile Strength	17,000 MD 30,000 TD	Psi	ASTM D882
Tensile Modulus	250,000 MD 450,000 TD	Psi	ASTM D882
Elongation	190 MD 70 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Shrinkage (Air oven)	< 5 MD < 3 TD	%	5 min, 266 ° F
Heat Seal Range	220-300	° F	0.5 s/ 30 psi
WVTR	< 0.03	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	< 4	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)

The polypropylene side is in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1)

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