

CEL-MET™ PET METALLIZED POLYESTER FILM Typical Values

Metal One Side, Corona Treat Other Side

A surface or reverse printable bi-axially oriented metallized polyester film exhibiting excellent adhesion and bright foil appearance. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Excellent WVTR, OTR, and light barrier properties.

Properties		Typical Value	Units	Test Method
Yield		59,2	m ² /kg	
Thickness		12	μm	
Tensile Strength	MD TD	172,4 206,8	N/mm ²	ASTM D882
Tensile Modulus	MD TD	3654 3861	N/mm ²	ASTM D882
Elongation	MD TD	90 90	%	ASTM D882
Optical Density		2,0	Tobias Densitometer	CMP OD-1
Light Transmission		< 1,0	%	
Coefficient of Friction		0,45 0,55	Kinetic Static	ASTM D1894
WVTR		0,93	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR		1,09	cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion		3,0	N/25mm	CMP MA-1
Surface Energy on Non-metal Side		54	Dyne/cm	ASTM D2578

The polyester side is in compliance with the regulation FDA 21 CFR 177.1630 (f, g, h) and EU Directive 2002/72 and 2011/10.

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