

CEL-MET[®] SEALANT METALLIZED POLYETHYLENE FILM

Typical Values
Metal One Side, Low COF and High Seal Strength Other Side
31 μ m PE Sealant Film

Properties	Typical Value	Units	Test Method
Yield	34	m ² /kg	
Thickness	31	μ m	
Tensile Strength (Break)	37,2 MD 24,8 TD	N/mm ²	ASTM D882
Secant Modulus (1%)	255,1 MD 313,7 TD	N/mm ²	ASTM D882
Elongation	585 MD 725 TD	%	ASTM D882
Optical Density	2,0	Macbeth	CMP OD-1
Light Transmission	< 1,0	%	
Coefficient of Friction	0,25	Sealant to Sealant	ASTM D-1894
WVTR	1,09	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	250	cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion	3,0	N/25mm	CMP MA-1
Heat Seal Initiation Temperature	110-116	°C	

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact.

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