

O2 BARRIER SEALANT HB **METALLIZED POLYETHYLENE FILM**

Typical Values

Metal One Side, Low COF and High Seal Strength Other Side
38µm PE Sealant Film

Properties	Typical Value	Units	Test Method
Yield	27,9	m ² /kg	
Thickness	38	µm	
Tensile Strength (Break)	29,0 MD 23,1 TD	N/mm ²	ASTM D882
Secant Modulus (1%)	513,7 MD 541,9 TD	N/mm ²	ASTM D882
Elongation	250 MD 475 TD	%	ASTM D882
Optical Density	2,0	Macbeth	CMP OD-1
Light Transmission	< 1,0	%	
Coefficient of Friction	< 0,2	Sealant to Sealant	ASTM D-1894
Haze	7-10	%	ASTM D-1003
WVTR	1,09	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	0,47	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	105	°C	
Ultimate Seal Strength	> 15,0 (Destruct)	N/25mm	

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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