

## Barrier-Met<sup>®</sup> NYLON

REVISION DATE: 7/25/2011

Product – A biaxially oriented nylon film that has been metallized on the corona treated side of the film.

### TYPICAL PROPERTIES AND VALUES

PROPERTY	UNITS	AVERAGE	RANGE	TEST METHOD
Gauge	mils Microns	0.48 12	Note 2	Micrometer
Yield	in <sup>2</sup> /lb M <sup>2</sup> /Kg	51,300 73	Note 2	ASTM D4321
Optical Density	NA	2.6	± 0.2	Densitometer
Surface Energy Corona treated film side	Dynes/cm	50		ASTM D2578
Metal Adhesion	gms/in N/cm	225 0.87	NA	AIMCAL TP-105-92
OTR @ 73°F, 50% RH	cc/100 in <sup>2</sup> /day cc/m <sup>2</sup> /day	<0.04 <0.62	NA	ASTM D3985
COF (Film to Metal)	Dynamic	0.3	± 0.1	ASTM D1894
Tensile Strength	MD CD psi	32,000 32,000	Note 2	ASTM D882
Elongation at Break	MD CD %	120 100	Note 2	ASTM D882

#### NOTES:

1. **The data above for the VACUMET product are typical values and are not limiting specifications.** The information contained herein represents the best data available to Vacumet, and we believe it is reliable. No statement with respect to use is intended as a recommendation and no warranty is made. We urge purchasers to conduct confirmatory tests for suitability in their specific use.
2. These properties are determined by the substrate manufacturer – more detailed data is available upon request.

For any questions, samples or additional information, please contact Customer Service at +1.404.432.6300.