

## FOILMET<sup>®</sup> PLUS

### METALLIZED POLYESTER FILM

#### Typical Values (Imperial)

Metallized one side, Corona Treat other side

A metallized polyester film which provides guaranteed superior oxygen and water vapor barrier. This surface printable biaxially oriented polyester film exhibiting excellent adhesion and bright foil appearance. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Featuring superior WVTR, OTR, and light barrier properties

| Properties                         |    | Typical Value | Units                        | Test Method                     |
|------------------------------------|----|---------------|------------------------------|---------------------------------|
| Thickness                          |    | 0.48          | mil                          |                                 |
| Yield                              |    | 41,660        | in <sup>2</sup> /lb          |                                 |
| Tensile Strength                   | MD | 30,000        | psi                          | ASTM D882                       |
|                                    | TD | 33,000        |                              |                                 |
| Elongation                         | MD | 90            | %                            | ASTM D882                       |
|                                    | TD | 70            |                              |                                 |
| Heat Shrinkage                     | MD | 1.5           | %                            | 30 min, 158 °F                  |
|                                    | TD | 0.2           |                              |                                 |
| Optical Density                    |    | 2.0           |                              | CMP OD-1                        |
| Light Transmission                 |    | < 1.0         | %                            |                                 |
| WVTR                               |    | < 0.02        | g/100in <sup>2</sup> /24 hr  | ASTM F1249<br>(100° F, 90% RH)  |
| OTR                                |    | < 0.02        | cc/100in <sup>2</sup> /24 hr | ASTM D3985<br>(73.4° F, 50% RH) |
| Metal Adhesion                     |    | 600           | g/in                         | CMP MA-1                        |
| Surface Energy<br>(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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