

FOILMET[®] PCR PET

METALLIZED POLYESTER FILM

Typical Values

Metal One Side, Corona Treat Other Side

A sustainable metallized polyester film **with 90% content from chemically recycled polyester**, provides guaranteed superior oxygen and water vapor barrier, lot after lot. A 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 |
|---|----------------|-------------------|--------------------------|--------------------------------|
| Yield | 59,2 | | m ² /kg | |
| Thickness | 12 | | µm | |
| Tensile Strength | 206,8 227,5 | MD TD | N/mm ² | ASTM D882 |
| Elongation | 90 70 | MD TD | % | ASTM D882 |
| Heat Shrinkage | 1.5 0.2 | | % | 30 min. 70° C. |
| Optical Density | >2,0 | | Tobias | CMP OD-1 |
| Light Transmission | < 1,0 | | % | |
| Coefficient of Friction | 0,45 0,55 | Kinetic Static | - | ASTM D1894 |
| WVTR | < 0,62 | | 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 |
| 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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