



## **ULTRAMET®**

### **METALLIZED POLYESTER FILM**

#### **Typical Values**

**Metal One Side, Corona Treat Other Side**

A surface printable biaxially oriented polyester film exhibiting bright foil appearance. For demanding applications that require ultra-high metal to PET adhesion. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Excellent WVTR, OTR, and light barrier properties.

<b>Properties</b>	<b>Typical Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Yield</b>	59,2	m <sup>2</sup> /kg	
<b>Thickness</b>	12	µm	
<b>Tensile Strength</b>	200 MD 214 TD	N/mm <sup>2</sup>	ASTM D882
<b>Elongation</b>	90 MD 70 TD	%	ASTM D882
<b>Optical Density</b>	2,0	Macbeth	CMP OD-1
<b>Light Transmission</b>	< 1,0	%	
<b>Coefficient of Friction</b>	0,40 0,50	Kinetic Static	ASTM D-1894
<b>WVTR</b>	0,78	g/m <sup>2</sup> /24 hr	ASTM E-398 (37,8°C, 90% RH)
<b>OTR</b>	1,09	cc/m <sup>2</sup> /24 hr	ASTM D-3985 (23°C, 50% RH)
<b>Metal Adhesion</b>	>10,0* >5,0**	N/25mm	CMP MA-1 CMP MA-2

\*Certified metal adhesion value tested heat sealing the sample to EAA/Paper/Foil laminate at 250°F/40psi/5s

\*\*Value in solvent-based adhesive lamination (PET/Adhesive/Metal/PET). Dow Adhesive 577/577B. Cured at 35°C/48h.

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