

## ULTRAMET® PCR METALLIZED POLYESTER FILM

### Developmental Data Sheet

#### Metal One Side, Corona Treat Other Side

A high-adhesion, metallized biaxially oriented polyester film with 90% content from chemically recycled polyester. UTRAMET PCR PET performance matches that of traditional ULTRAMET with the same film properties and characteristics. 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.

Properties	Typical Value	Units	Test Method
<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	Tobias Densitometer	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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