

REFLECT-MET[®] PET

TOP COATED & METALLIZED POLYESTER FILM

Typical Values (Metric)

Coated Metallized one side, Corona Treat other side

A bi-axially oriented polyester film exhibiting excellent heat reflection properties, a moisture protected metal layer, and bright foil appearance. 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
Thickness		12,0	µm	
Yield		58.4	m ² /kg	
Tensile Strength	MD	172,4	N/mm ²	ASTM D882
	TD	206,8		
Tensile Modulus	MD	3654	N/mm ²	ASTM D882
	TD	3861		
Elongation	MD	90	%	ASTM D882
	TD	70		
Optical Density		2,0		CMP OD-1
Light Transmission		< 1,0	%	
Emissivity		0,06		ASTM C1371
Moisture Corrosion		Passes	Visual Inspection after 7 days ageing	ASTM D3310
Vapor Retarder		0.008	Perms (not aged)	Perm – ASTM E96
		0.235	Perms (after 28 days accelerated aging)	Aging – ASTM C1258
Metal Adhesion		3,0	N/25mm	CMP MA-1
Surface Energy (Non-metal side)		54,0	Dyne/cm	ASTM D2578

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