

CADMT-F Polyester (PET) Film

DESCRIPTION

CADMT-F Polyester (PET) is a metallized polyester film that is suitable for flexible packaging applications, especially for high bond strength requirements. Metallization on chemically treated surface gives enhanced metal adhesion. Corona treated on non-metallized side.

CHARACTERISTICS

- Good MVTR and OTR
- Enhanced adhesion of metal to film
- Excellent mechanical strength

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness		Gauge	48	-
Yield		in ² /lb	42,000	-
COF, non-metal side (Dynamic)		-	0.7	ASTM D1894
Tensile Strength	MD	psi	31,500	ASTM D882
Tensile Strength	TD	psi	32,900	ASTM D882
Elongation	MD	%	125	ASTM D882
Elongation	TD	%	120	ASTM D882
Shrinkage	MD	%	2.0	ASTM D1204
Shrinkage	TD	%	0.0	ASTM D1204
MVTR		g/100-inch ² /day	0.16	ASTM F1249 (37°C, 90% RH)
OTR		cc/100-inch ² /day	0.19	ASTM D3985-95 (23°C, 0% RH)
Surface Tension Metal Side		dyne/cm	50	ASTM D2578
Surface Tension Non-Metal Side		dyne/cm	55	ASTM D2578

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