

TRANSPET® CT1MAD-F

DESCRIPTION:

TRANSPET® CT1MAD –F is a metallized polyester film that is suitable for flexible packaging applications. Plasma treatment of the corona treated surface enhances metal adhesion and barrier. Chemical treatment on the opposite enhances adhesion to solvent base inks and adhesives.

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

FDA STATUS:

Manufactured with materials compliant with FDA Regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	48	-
Yield	in ² /lb	42,000	-
COF (non-metal side)	Dynamic	0.6	ASTM D1894
Tensile Strength MD	psi	31,500	ASTM D882
Tensile Strength TD	psi	32,900	ASTM D882
Elongation MD	%	130	ASTM D882
Elongation TD	%	125	ASTM D882
Shrinkage MD	%	2.0	ASTM D1204
Shrinkage TD	%	0.2	ASTM D1204
Gloss (60°)	%	820	Micro-Trygloss
MVTR	gr/100 inch ² .24 hrs	.16	ASTM F1249, 37°C, 90% RH
OTR	cc/100 inch ² .24 hrs.atm	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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