

TRANSPROP™ CSMET-F

DESCRIPTION:

TransProp CSMET-F is a high surface energy treated and metallized polypropylene film with a treated cold seal receptive layer on the opposite side.

CHARACTERISTICS:

- High barrier to WVTR and OTR
- Craze resistant when laminated by extrusion
- High resistance to oil and grease
- Excellent cold seal adhesion
- Uniform and consistent treatment on the non-metal side

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
		55	60	70	
Thickness	Gauge	55	60	70	-
Yield	in ² /lb.	55,200	51,500	43,400	-
Tensile Strength MD	psi	23,000	23,000	23,000	ASTM D882
Tensile Strength TD	psi	37,000	37,000	37,000	ASTM D882
Elongation at Break MD	%	150	150	150	ASTM D882
Elongation at Break TD	%	60	60	60	ASTM D882
Optical Density		2.4	2.4	2.4	-
COF LSES/LSES	Dynamic	0.42	0.42	0.42	ASTM D1894-06
Surface Tension Low Energy Side	Dyne	37	37	37	ASTM D2578-04a
WVTR	g/100in ² /day	0.2	0.2	0.2	ASTM F1249 100°F, 90% RH
OTR	cm ³ /100in ² /24h	1.8	1.8	1.8	ASTM D143 475°F, 0% RH
Dimensional Stability MD	%	6.0	6.0	6.0	266°F, 5 min
Dimensional Stability TD	%	5.0	5.0	5.0	266°F, 5 min

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