

TRANSPROP™ HSOM-F

DESCRIPTION:

TransProp HSOM-F is a matte finish, heat sealable one side biaxially oriented polypropylene film.

CHARACTERISTICS:

- Standard heat seal range
- One side sealable matte finish
- High energy flame treated for excellent ink adhesion and adhesive and extrusion lamination bonds
- Excellent flatness

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness	Gauge	70	120	-
Yield	in ² /lb.	44,000	25,700	-
Coefficient of Friction (NT/NT)	Dynamic	0.25	0.25	ASTM D1894
Coefficient of Friction (NT/NT)	Static	0.35	0.35	ASTM D1894
Tensile Strength MD	psi	17,000-19,870	17,000-19870	ASTM D882
Tensile Strength TD	psi	30,000-35,480	30,000-35,480	ASTM D882
Elongation at Break MD	%	190	190	ASTM D882
Elongation at Break TD	%	70	70	ASTM D882
WVTR	g/100in ² /24h	0.45-0.55	0.30-0.33	ASTM F 1249 100°F 90% RH
Haze	%	73-75	76	ASTM D1003
Heat Seal Initiation	Degrees F	240	240	½ sec, 30 psi
Dimensional Stability MD	%	<5	<5	266°F, 5 min
Dimensional Stability TD	%	<3	<3	266°F, 5 min
Surface Tension	Dyne	40	40	ASTM D2578

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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