

HSOM-F Biaxially Oriented Polypropylene (BOPP) Film

DESCRIPTION

HSOM-F is a matte finish, heat sealable one side, corona treated one side, biaxially oriented polypropylene (BOPP) film.

CHARACTERISTICS

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

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	70	120	-
Yield		in ² /lb	44,000	25,700	-
Tensile Strength	MD	psi	17,000-19,900		ASTM D882
Tensile Strength	TD	psi	30,000-35,500		ASTM D882
Elongation at Break	MD	%	190		ASTM D882
Elongation at Break	TD	%	70		ASTM D882
Haze		%	73-75	76	ASTM D1003
CoF, NT/NT (static)		-	0.35		-
CoF, NT/NT (dynamic)		-	0.25		-
Surface Tension		Dyne/cm	40		ASTM D2578
Heat Seal Initiation		°F	240		½ sec, 30 psi
Dimensional Stability	MD	%	<5		266°F, 5 min
Dimensional Stability	TD	%	<3		266°F, 5 min
MVTR (100°F, 90%RH)		g/100in ² /day	0.45-0.55	0.30-0.33	ASTM F1249

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