

HS1AF-F Polypropylene (PP) Film

DESCRIPTION

HS1AF-F is a heat sealable biaxially oriented polypropylene (BOPP) film with anti-fog properties on one side and a high energy flame treatment on the other.

CHARACTERISTICS

- Good hot tack
- Superior optical properties
- Anti-fog surface resistant to condensation buildup
- Medium heat seal range
- High energy treatment for excellent ink adhesion and adhesive and extrusion lamination bonds

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 VALUE		TEST METHOD
Thickness		Gauge	119	156	-
Yield		in ² /lb	25,700	19,600	-
CoF, Antifog side (Dynamic)		-	0.25	0.25	ASTM D1894
Tensile Strength	MD	psi	17,000	17,000	ASTM D882
Tensile Strength	TD	psi	30,000	30,000	ASTM D882
Elongation at Break	MD	%	190	190	ASTM D882
Elongation at Break	TD	%	70	70	ASTM D882
WVTR		g/100in ² /day	0.3	0.2	ASTM F1249 100°F 90% RH
OTR		cc/100in ² /day	95	60	ASTM F1249 100°F 90% RH
Haze		%	2.5	2.5	ASTM D1003
Gloss (45°)		-	85	85	ASTM D2457
Heat Seal Initiation		°F	230	230	½ sec, 30 psi
Surface Tension		Dyne/cm	40	40	ASTM D2578

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