

HS2AF-F BIAXIALLY ORIENTED POLYPROPYLENE (BOPP) FILM

DESCRIPTION

HS2AF-F is a transparent, heat sealable, biaxially oriented polypropylene (BOPP) that is treated on both sides and has anti-fog properties on one side.

CHARACTERISTICS

- Excellent anti-fog properties for fresh fruits, vegetables, meat, bread, etc.
- Good optical properties to display packed fresh foods
- High seal strength and good hot tack in HFFS and VFFS applications

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
		80	100	120	140	200	
Thickness	gauge	80	100	120	140	200	-
Yield	in ² /lb	38,700	31,000	25,800	22,100	15,468	-
Tensile Strength MD	psi	21,300					ASTM D882
Tensile Strength TD	psi	39,800					ASTM D882
Elongation at Break MD	%	170					ASTM D882
Elongation at Break TD	%	50					ASTM D882
Shrinkage MD	%	<4.0					248°F x 5 min
Shrinkage TD	%	<2.0					248°F x 5 min
Sealing Range	°F	248-284					-
Seal Strength	lb/0.59in	0.60					266°F/1sec/15psi
Gloss (45°)	Gloss units	85					ASTM D2457
CoF, f/f (Dynamic)	-	0.35					ASTM D1894
Surface Tension	-	38					ASTM D2578
Haze	%	2.5					ASTM D1003
WVTR (38°C, 90% RH)	g/100in ² /day	0.46	0.40	0.34	0.28	0.19	ASTM F1249
OTR (23°C, 0% RH)	cc/100in ² /day	160	130	100	90	88	ASTM D3985

*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.

CORPORATE HEADQUARTERS

9201 W. Belmont Avenue | Franklin Park, IL 60131
 USA 800.745.5802 | 847.678.1800 main | 847.233.0199 fax
 CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax
[TRANSCENDIA.COM](https://www.transcendia.com)