

## TRANSPROP® CHSAP-F BOPP FILM

### DESCRIPTION

TRANSPROP® CHSAP-F is a sealable biaxially oriented polypropylene (BOPP) film that is PVdC-coated on the seal side and acrylic coated on the opposite side. It is designed for broad use in multiple applications, including overwrap, horizontal and vertical FFS packaging. This film is suitable for use as an unsupported web or in a lamination and can be surface printed, reverse printed or used unprinted

### CHARACTERISTICS

- Suitable for printing with wide variety of printing processes like rotogravure and flexography
- Good optical properties
- Very good barrier to water vapor, gases and aromas
- Excellent sealing property with PVDC
- Excellent dimensional stability, stiffness and mechanical properties
- Good printing on acrylic side
- Suitable for "see-through" applications

### FDA STATUS

Manufactured with materials compliant with FDA regulations

### COMPLIANCE

Please visit [transcendia.com/compliance](https://transcendia.com/compliance) for more compliance information.

### TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES				TEST METHOD
Thickness	Gauge	112	144	164	212	-
Yield	in <sup>2</sup> /lbs	26,332	20,881	18,350	14,290	-
Tensile Strength MD	psi	17,685 - 22,018				ASTM D-882
Tensile Strength TD	psi	37,643 - 42,615				ASTM D-882
Elongation at Break MD	%	140 - 220				ASTM D-882
Elongation at Break TD	%	40 - 90				ASTM D-882
Shrinkage MD (120°C/5mins)	%	2.0 - 5.0				ASTM D-1204
Shrinkage TD (120°C/5mins)	%	1.0 - 3.0				ASTM D-1204
Seal Initiation Temperature	°F	203 - 221				-
Heat Seal Strength	gm/25mm	>450				-
COF (Dynamic)	-	0.25 - 0.45				ASTM D-1894
Haze	%	2 - 3				ASTM D-1003
Gloss	Gloss Units	100 - 105				ASTM D-2457
WVTR (38°C,90% RH)	gm/100in <sup>2</sup> /day	0.26	0.23	0.19	0.17	ASTM F-1249
OTR (23°C, 0% RH)	cc/100in <sup>2</sup> /day	1.9	1.9	1.9	1.9	ASTM D-3985

\*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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