

TRANSPROP® HSCT1-F BOPP FILM

DESCRIPTION

TRANSPROP® HSCT1-F is a clear, biaxially oriented polypropylene (BOPP) film that is heat sealable on both sides. It is corona treated on the skin side and formulated with a combined migratory and non-migratory additive package that provides good slip and low static generation properties. The untreated side offers a wide heat seal range. It is also available in 60g, 70g, 80g and 90g.

CHARACTERISTICS

- Hot slip
- Multiple applications
- Outstanding slip and antistatic properties
- Treated side suitable for good bonds to inks and adhesives
- Excellent flatness and dimensional stability
- Broad heat seal range

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES					TEST METHOD
Thickness	Gauge	100	120	140	160	200	-
Yield	in ² /lbs	31,100	25,900	22,200	19,400	15,500	-
Haze	%	2.2	2.2	2.6	2.6	2.9	ASTM D1003
Gloss (45°)	%	80					ASTM D2457
C.O.F - Kinetic	-	0.20 - 0.35					ASTM D1894
Tensile Strength MD	psi	18,100					ASTM D882
Tensile Strength TD	psi	34,100					ASTM D882
Elongation At Break MD	%	180					ASTM D882
Elongation at Break TD	%	50					ASTM D882
Secant Modulus @ 2% MD	psi	247,000					ASTM D882
Secant Modulus @ 2% TD	psi	435,000					ASTM D882
Surface Tension	dyne/cm	38					ASTM D2578
Seal Initiation Temperature	°F	220° - 255°					ASTM F88
Seal Strength @ 275°F	g/in	510	610	610	610	710	ASTM F2029A
WVTR	g/(100in ² .day)	0.35	0.30	0.30	0.25	.20	ASTM F1249 100°F, 90% R.H.
OTR	cm ³ /(100in ² .day)	115	105	90	75	65	ASTM D3985 73°F, 0% R.H.

*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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