

# TRANSPROP™ TG64-F

## DESCRIPTION:

TransProp TG64-F is clear biaxially oriented polypropylene film with excellent UV barrier and a low temperature heat-seal surface to allow high speed form-fill-seal and overwrap packaging.

## CHARACTERISTICS:

- Superior clarity and gloss
- Low UV light transmission
- Heat sealable on both sides
- Low heat seal threshold on one surface
- Wide heat seal range
- Excellent water vapor barrier
- Excellent hot-tack and seal integrity
- One side corona treated for printing and laminating
- Exceptional puncture and impact-resistance
- Recyclable with polyolefinic materials

## FDA STATUS:

Manufactured with materials compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	120	-
Yield	in <sup>2</sup> /lb	25,800	-
Shrinkage MD	%	6.0	265°F x 60 secs
Shrinkage TD	%	-1.0	265°F x 60 secs
Sealing Range untreated to untreated	°F	180-295	2 sec; 15 psi
Seal Strength untreated to untreated	g(f)in	>400	265° x 2 secs; 15psi
Gloss (45°)	%	85	ASTM D2457
Haze (wide angle) 2.5°	%	1.0-2.0	ASTM D1003
C of F (film to film)	Static	0.25-0.40	ASTM D1894
C of F (film to film)	Dynamic	0.25-0.40	ASTM D1894
UV transmission 350nm	%	<5	-
WVTR	g/100 in <sup>2</sup> /24 hrs	0.32	ASTM F1249 100°F 90% RH
OTR	cc/100 in <sup>2</sup> /24 hrs	103	ASTM D1927 73°F 0% RH
Corona treatment	Dyne/cm	>38	-

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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