

TRANSPROP™ TE38-F

DESCRIPTION:

TransProp TE38-F is clear, corona treated one side, sealable one side biaxially oriented polypropylene film with excellent UV barrier properties.

CHARACTERISTICS:

- High clarity, low slip
- Low UV light transmission
- High purity, no additive migration
- Excellent water vapor barrier
- One side corona treated for printing, laminating, and numerous types of low temperature sealant applications

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	80	-
Yield	in ² /lb	38,700	-
Shrinkage MD	%	6.0	265°F x 60 secs
Shrinkage TD	%	-1.0	265°F x 60 secs
Sealing Range untreated to untreated	°F	240-295	2 sec; 15 psi
Seal Strength untreated to untreated	g(f)in	>350	265° x 2 secs; 15psi
Gloss (45°)	%	105	ASTM D2457
Haze (wide angle) 2.5°	%	1.0-2.0	ASTM D1003
C of F (film to film)	Static	0.4-0.6	ASTM D1894
C of F (film to film)	Dynamic	0.4-0.6	ASTM D1894
UV transmission 350nm	%	<5	-
WVTR	g/100 in ² /24 hrs	0.48	ASTM F1249 100°F 90% RH
OTR	cc/100 in ² /24 hrs	148	ASTM D1927 73°F 0% RH
Corona treatment	Dyne/cm	38	-
Tensile strength MD	lbs/in ²	33,300	ASTM D882 Strain rate 50%/min
Tensile strength TD	lbs/in ²	27,500	ASTM D882 Strain rate 50%/min
Elongation at break MD	%	90	ASTM D882 Strain rate 50%/min
Elongation at break TD	%	130	ASTM D882 Strain rate 50%/min

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.

Revision Date: 10/24/2016

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