

TRANSPROP™ TL-F

DESCRIPTION:

TransProp™ TL-F is a clear non-heat sealable biaxially oriented polypropylene film, high energy treated one side and corona treated on the opposite side.

Also available in 80, 87, & 140 gauges.

CHARACTERISTICS:

- High energy flame treatment provides excellent ink adhesion and adhesive and extrusion lamination bonds
- Superior Optical Properties
- Excellent flatness
- Very good stiffness

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES						TEST METHOD
		60	70	97	120	160	197	
Thickness	Gauge	60	70	97	120	160	197	-
Yield	in ² /lb	51,800	44,000	31,400	25,700	19,600	15,600	-
Tensile Strength MD	lb/in ²	20,000	20,000	20,000	20,000	20,000	20,000	ASTM D 882
Tensile Strength TD	lb/in ²	32,000	32,000	32,000	32,000	32,000	32,000	ASTM D 882
Elongation at Break MD	%	140	140	140	140	140	140	ASTM D 882
Elongation at Break TD	%	60	60	60	60	60	60	ASTM D 882
Haze	%	1.5-3.0	1.5-3.0	1.5-3.0	1.5-3.0	1.5-3.0	1.5-3.0	ASTM D 1003
Gloss (45°)	G.U.	90	90	90	90	90	90	ASTM D 2457
Dimensional Stability MD	%	<5	<5	<5	<5	<5	<5	266°F, 5 min.
Dimensional Stability TD	%	<3	<3	<3	<3	<3	<3	266°F, 5 min.
Surface Energy (High Energy Flame Side)	dyne/cm	40	40	40	40	40	40	ASTM D 2578
Surface Energy (Corona Treated Side)	dyne/cm	36	36	36	36	36	36	ASTM D 2578

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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