

## TRANS HT-LIGHT® BLUE/WHITE FOR HIGH HEAT BACKLIT APPLICATIONS

### DESCRIPTION

TRANS HT-LIGHT Blue/White is a translucent white mineral filled polypropylene (PP) sheet for high heat backlit applications available with a matte/matte or gloss/matte finish.

### CHARACTERISTICS

- Easily printed using offset lithography, UV digital, flexography, gravure, and screen printing
- Can be folded, hot stamped, embossed, die cut, riveted, stapled, and sewn
- Average thicknesses: .010 & .015 in both sheets and rolls

### 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 ± 5% or .001 Maximum (whichever is greater)		in	0.01	0.015	ASTM T411
Grammage Basis Weight		g/m²	357	475	
		lb/1,000 ft2	98	73	ASTM T410
Yield		in²/lb	1,965	1,475	
Specific Gravity		g/cc	0.938	0.938	ASTM D1505
Tensile Strength	MD	psi	4,200	3,900	ASTM D882
	TD		3,500	3,200	
Elongation	MD	%	700	700	
	TD		500	500	
Tear Resistance Initiated	MD	lbf	3.5	5.5	ASTM D1938
	TD		8.5	12.5	
Tear Resistance Uninitiated	MD	lbf	13	20	ASTM D1004
	TD		15.5	20.5	
Gardner Impact		in-lbf	18	24	ASTM D5420
Wetting Tension		dyne/cm	40 minimum		ASTM T698
Stiffness	MD	Taber Units	45	85	ASTM D5342
	TD		36	60	
Optical Density		-	-	0.53	-
Shrinkage, 220°F for 24 hours	MD	%	<1		-
	TD		<1		
Edge Lift, 220°F for 24 hours		in	1/32"		-

\*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.

#### CORPORATE HEADQUARTERS

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