

TRANS HT-LIGHT® Blue/White for High Heat Backlit Applications

DESCRIPTION:

TRANS HT-LIGHT® Blue/White is an extruded, mineral filled sheet for high heat backlit applications. Available in white translucent 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.
- Recycled Code #5
- A thicknesses: .010 & .015 in both Sheets and Rolls

TECHNICAL DATA:

PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD
THICKNESS ± 5% or .001 Maximum (whichever is greater)		in	.010	.015	T 411
GRAMMAGE BASIS WEIGHT		g / m ²	357	475	T 410
		lb / 1,000 ft ²	98	73	
YIELD		in ² / lb	1,965	1,475	
SPECIFIC GRAVITY		g/cc	.938	.938	D 1505
TENSILE STRENGTH	MD	psi	4,200	3,900	D 882
	TD		3,500	3,200	
ELONGATION	MD	%	700	700	
	TD		500	500	
TEAR RESISTANCE INITIATED	MD	lbf	3.5	5.5	D 1938
	TD		8.5	12.5	
TEAR RESISTANCE UNINITIATED	MD	lbf	13.0	20	D 1004
	TD		15.5	20.5	
GARDNER IMPACT		in-lbf	18	24	D 5420
WETTING TENSION		dyne/cm	40 minimum		T 698
STIFFNESS	MD	Taber Units	45	85	D 5342
	TD		36	60	
OPTICAL DENSITY				.53	
SHRINKAGE ^b	MD	%	< 1		
	TD		< 1		
EDGE LIFT ^b		in	1/32"		

^a Indicates data was obtained from molded samples only, in an unannealed state.
^b 220 °F for 24 hours.

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 no15375r 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 tests. Transilwrap 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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