

TRANSALLOY® P-300

DESCRIPTION

TRANSALLOY P300 is a special multi-polymer material formulated for durability, tear resistance and impact strength for demanding applications. The surface of P-300 is specifically engineered to provide superior performance on and off the press. ALLOY P-300 can be used in point of purchase displays, in-store signage, outdoor displays, horticultural signage/tags, thermoformed trays, and promotional items.

CHARACTERISTICS

- Suitable for Offset Lithography, Screen, UV Digital and Flexography Printing Methods
- Can be heat bent, folded, die cut, punched, thermoformed, and guillotine cut
- Excellent dimensional stability
- Provides good toughness, stiffness, and impact strength
- Available in sheets or rolls in a variety of opacities from natural to dead opaque
- Corona treatment or UV inhibitors available upon request
- Surfaces include satin/matte and ultra gloss/matte

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness ($\pm 5\%$ or 0.001", whichever is greater)	inches	0.010 to 0.050	ASTM T411
Yield (0.020")	in ² / lb	1,300	ASTM T410
Specific Gravity (0.020")	g/cm ³	1.03	ASTM D1505
Tensile Strength (0.020")	psi	2,600	ASTM D882
		2,700	
Elongation at Break (0.020")	%	170	ASTM D882
		290	
Tear Resistance, Initiated (0.020")	lb	1.1	ASTM D1938
		1.3	
Tear Resistance, Uninitiated (0.020")	lb	6.6	ASTM D1004
		7.5	
Stiffness (0.020")	Taber Units	64	ASTM D5342
		84	
Surface Tension	Dyne/cm	40	ASTM T698

*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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