

Transalloy® P-300 Multi-Polymer Alloy

DESCRIPTION:

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

CHARACTERISTICS:

- Can be printed Offset Lithography, Screen, UV Digital and Flexography
- 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
- Available in a variety of opacities from natural to dead opaque
- Corona treatment or UV Inhibitors available upon request
- Surfaces include satin/matte, ultra-gloss/matte
- Recycle Code #6

TECHNICAL DATA:

PROPERTIES		UNIT	TYPICAL VALUES	TEST METHOD
THICKNESS ± 5% or .001 Maximum (whichever is greater)		inches	.010" TO .050"	T 411
YIELD @ .020		ln ² / lb	1300	T410
SPECIFIC GRAVITY @ .020		g/cm ³	1.03	D 1505
TENSILE STRENGTH @ .020 @ BREAK	MD	psi	2600	D 882
	TD		2700	
ELONGATION @ .020 @ BREAK	MD	%	170%	
	TD		290%	
TEAR RESISTANCE @ .020 INITIATED	MD	lb	1.1	D 1938
	TD		1.3	
TEAR RESISTANCE @ .020 UNINITIATED	MD	lb	6.6	D 1004
	TD		7.5	
STIFFNESS @ .020	MD	Taber Units	64	D 5342
	TD		84	
WETTING TENSION - minimum		Dyne/cm ²	40	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.

Revision Date: 10/25/2016

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