

Transalloy® P-300 – XLR

DESCRIPTION:

Transalloy® P-300 - XLR is a multi-polymer material with Xceptional printability, is the Latest technology that facilitates product degradation in a biologically active waste stream and is a Responsible alternative when materials are not being recycled.

Transalloy® P-300 - XLR 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 XLR is specifically engineered to provide superior performance on and off the press. Transalloy® P-300 XLR 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 TD	psi	D 882
		2600 2700	
ELONGATION @ .020 @ BREAK	MD TD	%	D 882
		170% 290%	
TEAR RESISTANCE @ .020 INITIATED	MD TD	lb	D 1938
TEAR RESISTANCE @ .020 UNINITIATED	MD TD	lb	D 1004
STIFFNESS @ .020	MD TD	Taber Units	D 5342
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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