Pro-Print® Synthetic Paper

DESCRIPTION:

Pro-Print® is an extruded mineral filled polypropylene. This specialized formula is available in white opaque with a matte/matte or gloss/matte finish.

Characteristics:

- Easily printed using offset lithography, UV Digital, gravure, flexography and screen printing
- Can be folded, hot stamped, embossed, die cut, riveted, stapled and sewn
- Great for indoor and outdoor applications
- Excellent dimensional stability
- Tough and has good impact strength
- Characteristics allow for deep draw forming
- Better mold shape transferal and fast cycle times
- Recycle code #5

Available thicknesses: Rolls 8 mil to 20 mil
Sheets 10 mil to 60 mil

TECHNICAL DATA:

PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD
THICKNESS ± 5% or .001 Maximum (whichever is greater)		inches	.010	.015	T 411
GRAMMAGE BASIS WEIGHT		g / m^2	276	414	T 410
YIELD		in^2 / lb	2600	1725	
SPECIFIC GRAVITY		g/cm^3	1.05	1.05	D 1505
TENSILE STRENGTH @ BREAK	MD	psi	3400	3000	D 882
	TD		3000	2400	
ELONGATION @ BREAK	MD	%	550	550	
	TD		500	500	
TEAR RESISTANCE INITIATED	MD	lb	1	1.5	D 1938
	TD		4	6.5	
TEAR RESISTANCE UNINITIATED	MD	lb	6.4	9	D 1004
	TD		8	12	
UNNOTCHED IZOD IMPACT*			NO BREAKS	NO BREAKS	D256A
WETTING TENSION - minimum	Corona Treated	dynes/cm	40	40	T698
	Non Corona treated		34	34	
STIFFNESS	MD	Taber Units	10	34	D 5342
	TD		13	44	
HDT @ 264 psi*		° F	145		D 648
* indicates data was obtained from molded samples only, in an unannealed state.					

*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.

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