

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
- Excellent dimensional stability
- Good toughness and impact strength
- Can be folded, hot stamped, embossed, die cut, riveted, stapled and sewn
- Characteristics allow for deep draw forming
- Better mold shape transferal and fast cycle times
- Great for indoor and outdoor applications
- ISO 9001:2015 Certified Quality Management Systems

AVAILABLE THICKNESSES

- Rolls: 8-20 mil.
- Sheets: 10-60 mil.

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness ($\pm 5\%$ or $.001''$, whichever is greater)		inches	0.01	0.015	ASTM T411
Basis Weight		g/m^2	276	414	ASTM T410
Yield		in^2/lb	2,600	1,725	ASTM T410
Specific Gravity		g/cm^3	1.05	1.05	ASTM D1505
Tensile Strength	MD	psi	3,400	3,000	ASTM D882
	TD		3,000	2,400	
Elongation at Break	MD	%	550	550	ASTM D882
	TD		500	500	
Tear Resistance, Initiated	MD	lb	1	1.5	ASTM D1938
	TD		4	6.5	
Tear Resistance, Uninitiated	MD	lb	6.4	9	ASTM D1004
	TD		8	12	
Stiffness	MD	Taber Units	10	34	ASTM D5342
	TD		13	44	
Surface Tension (minimum)	Corona Treated	Dyne/cm	40	40	ASTM T698
	Untreated		34	34	
Unnotched Izod Impact*			No Breaks	No Breaks	ASTM D256A
HDT @ 264 psi*		°F	145		ASTM D648

*Note: data obtained from molded samples 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.

CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.745.5802 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

Revision Date: 08/26/2022

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