Pro-Print® Plus - XLR

DESCRIPTION:
Pro-Print® Plus – XLR, is a synthetic paper that has 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.

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

CHARACTERISTICS:

- Enhanced rigidity and stiffness over classic Pro-Print®
- Easily printed using offset lithography, UV Digital, gravure, flexography and screen printing
- Can be folded, hot stamped, embossed, die cut, riveted, stapled and glued
- Excellent dimensional stability
- Provides good toughness and impact strength
- Good for Indoor and Outdoor Applications
- Characteristics allow for deep draw forming
- ISO 9001:2015 Certified Quality Management Systems

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 / m²	415	275	D 4321
YIELD		in² / lb	2,560	1,700	
SPECIFIC GRAVITY		g/cm³	1.08	1.08	D 1505
TENSILE STRENGTH @ BREAK	MD	psi	3700	3650	D 882
	TD		2950	2900	
ELONGATION @ BREAK	MD	%	435	500	
	TD		450	475	
TEAR RESISTANCE INITIATED	MD	lb	1.5	3.0	D 1938
	TD		8.4	15	
TEAR RESISTANCE UNINITIATED	MD	lb	7.3	10.0	D 1004
	TD		9.3	12.0	
IMPACT RESISTANCE (GARDNER IMPACT)		in-lb	5.7	7.7	D 5420
WETTING TENSION - minimum	Corona Treated	dynes/cm	40	40	D 2578
	Non Corona treated		34	34	
STIFFNESS	MD	Taber Units	15	43	D 5342
	TD		12	47	
HDT @ 264 psi*		° F	147		D 648
* indicates data was obtained from molded samples only, in an unannealed state.					

Revision Date: 02/19/2021

CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131
USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax
CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM