

Plateau Print Medium (MPM26, MPM30) Biodegradable Multipolymer Alloy

Description:

Plateau multi-polymer print medium is formulated for durability, tear-resistance and high impact strength. Its chemical properties offer improved performance over traditional styrene substrates for demanding exhibit graphic applications. The satin surface is specifically engineered for direct printing and readily accepts protective laminating film. Natural White is available in sheets and 54” rolls. Corona treatment and UV inhibitors can be provided to suit individual print needs.

Plateau Print Medium is available in two options, both biodegradable: Plateau MPM26 is typically delivered in sheets and offers greater rigidity. Plateau MPM30 provides more flexibility for rolled graphic storage.

Characteristics:

- Can be printed using direct digital, flexo, offset, and screen processes.
- Can be stapled, vacuum formed, grommeted, die cut, punched, hot or cold folded, perforated and glued.
- Environmentally friendly.
- Suitable for most one and two sided applications.
- Will biodegrade when disposed of in the natural environment (landfill or other microorganism-rich area)
- ASTM D5209-91, ASTM D5338-98 and ASTM 5511 approved. Expected range for process is 9 months – 5 years.
- Any natural inorganic fillers like clay/calcium carbonate/talc/TiO2 return back to the earth.
- Does NOT measurably biodegrade from conventional product usage in open air or storage.

Size Available (MPM26 - Sheets):

All items are delivered standard cut to 8' x 4' sheets.

Size (in)	Min. Order (Sheets)	Lbs/Sht
0.060	475 Shts	10.5
0.090	350 Shts	15.8
1/8 (0.118)	200 Shts	21.9

Sizes Available (MPM30 - Rolls):

Size (In)	Width (In)	Length (Ft)	Min. Order (Rolls)	Lbs/Roll
0.015	54	150	5	54

Note: 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 tests. Ecorite Imaging shall have no liability as a result of any loss, expense, damage, cost or other injury which result from Purchaser’s reliance on the Information.

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Technical Data (MPM26 - Sheets / MPM30 Rolls are identical):

Properties	MPM26	MPM30	Test Method
Thickness - tolerance is $\pm 5\%$ or .001 max (whichever is greater)	0.010" - 0.050"	0.010" - 0.050"	T 411
Yield	1300 in ² /lb @ 0.020"	1300 in ² /lb @ 0.020"	T 410
Specific Gravity	1.03 g/cm ³	1.03 g/cm ³	D 1505
Tensile Strength @ 0.020"	MD 3300 psi TD 2800 psi	MD 2600 psi TD 2700 psi	D 882
Elongation @ 0.020"	MD 135% TD 150%	MD 170% TD 290%	D 882
Tear Resistance @ 0.020"	Initiated MD 0.9lbs TD 1.4lbs	Initiated MD 1.1lbs TD 1.3lbs	D 1938
	Uninitiated MD 7.0lbs TD 7.4lbs	Uninitiated MD 6.6lbs TD 7.5lbs	D 1004
Wetting Tension	45 dynes/cm ³ minimum	40 dynes/cm ³ minimum	T 698
Stiffness @ 0.020"	MD 98 Taber Units TD 109 Taber Units	MD 64 Taber Units TD 84 Taber Units	

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