



PYRAMAT[®] WOVEN PRODUCT LINE CARD¹

	Property	Test Method	Value	Unit	PYRAMAT [®] 25	PYRAMAT [®] 50	PYRAMAT [®] 75
PHYSICAL	Mass/Unit Area	ASTM D-6566	MARV	oz/yd ² g/m ²	8.0 271	11.0 373	14.0 475
	Thickness	ASTM D-6525	MARV	in mm	0.25 6.35	0.30 7.62	0.40 10.16
	Light Penetration	ASTM D-6567	MARV	% Passing	35%	25%	10%
	Color	Visual	-	-	Green or Tan	Green or Tan	Green or Tan
MECHANICAL	Grab Tensile Strength	ASTM D-6818	MARV	lb/ft kN/m	2000 x 1800 29.2 x 26.3	3200 x 3000 46.7 x 43.8	4000 x 3000 58.4 x 43.8
	Grab Elongation	ASTM D-6818	MARV	%	20 x 20	30 x 30	40 x 35
	Resiliency	ASTM D-6524	MARV	%	70%	70%	80%
	Flexibility	ASTM D-6575	MARV	in-lb mg-cm	0.195 225,000	0.195 225,000	0.534 616,154
ENDURANCE	UV Resistance	ASTM D-4355	MARV	% Retained @ 1,000 hrs	90%	-	-
				% Retained @ 3,000 hrs	90%	90%	90%
				% Retained @ 6,000 hrs	-	90%	90%
PERFORMANCE	Velocity (Vegetated)	Large Scale	MARV	ft/sec m/sec	20 6.1	22 6.7	25 7.6
	Shear Stress (Vegetated)	Large Scale	MARV	lb/ft ² Pa	12 575	14 670	16 766
	Manning's "n" (Unvegetated)	Calculated	MARV	N/A	0.028	0.028	0.028
	Seedling Emergence	ASTM D-7322	Typical	%	255%	-	296%
	Roll Sizes	Measured	Typical		8.5 ft x 120 ft	8.5 ft x 120 ft 15.0 ft x 120 ft	8.5 ft x 120 ft 15.0 ft x 120 ft

NOTES:

1. The property values listed above are effective 03/09/2018 and are subject to change without notice. Values represent testing at time of manufacture.

