



Partnering To Protect Our Environment

PRODUCT DATA SHEET LM 1000 NT

LM 1000 NT is a nonwoven geotextile fabric manufactured from Polypropylene Staple Fiber. The fibers are randomly oriented and form a cohesive / stabilized needle punched fabric, for use in many applications. LM 1000 NT resists ultra-violet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals. LM 1000 NT meets AASHTO M-288-06 Class 1 Standards.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Grab Tensile	ASTM D-4632	250 lbs./ft	1110 N/m
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	700 lbs.	3110 N
Trapezoidal Tear	ASTM D-4533	100 lbs.	444 N
UV Resistance (500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D-4491	1.2 sec ⁻¹	1.2 sec ⁻¹
Water Flow Rate	ASTM D-4491	80 gpm/ft ²	3251 lpm/m ²

*Minimum Average Roll Valve

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Unless otherwise noted, this certification is based on testing conducted by our Quality Assurance & Quality Control testing laboratories at the time of manufacturing. L & M Supply Co., Inc. issued this letter of certification to indicate our commitment to providing our customers with a quality product which will meet or exceed the minimum average roll values in accordance with the applicable American Society for Testing and Materials (ASTM) test method.

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