



Date: 1-01-23

**Subject: LM315 NT - 315 lb Woven Stabilization  
Certification of Compliance**

This is to certify that Core & Main LM315NT will meet or exceed the properties listed in this certification. LM315NT is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. LM315NT resists ultra violet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals. LM315NT complies with AASHTO M 288 Specifications for Class 1 Separation and Stabilization.

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Grab Tensile	ASTM-D-4632	315 lbs	1.40 kN
Grab Elongation	ASTM-D-4632	15%	15%
Thickness	ASTM-D-5199	mm (mils)	0.6 (25)
Mullen Burst	ASTM-D-3786	600 psi	4137 kpa
Puncture	ASTM-D-4833	150 lbs	667 kN
CBR Puncture	ASTM-D-6241	1000 lbs	4.45 kN
Trapezoidal Tear	ASTM-D-4533	120 lbs	533 kN
UV Resistance	ASTM-D-4355	70%	70%
AOS <sup>(1)</sup>	ASTM-D-4751	40 sieve	0.425 mm
Permittivity	ASTM-D-4491	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	4 gpm/sq.ft.	160 l/min/m <sup>2</sup>

\*Maximum Average Roll Valve

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Respectfully,

Rusty Payne  
Business Development / Engineering

**Proudly Made In The USA**

**Core & Main Geosynthetics**  
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