



GEOSYNTHETICS

CNM2300NT PRODUCT DATA SHEET

Our CNM2300NT woven geotextile is made of high tenacity monofilament polypropylene yarns, which are woven such that the yarns retain their relative position. Produced from first quality raw materials, these geotextiles offer optimum performance for use in reinforcement, stabilization and drainage applications. Our CNM2300NT resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. Our CNM2300NT is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

Properties	Test Method	English MARV ²	Metric MARV ²
MECHANICAL PROPERTIES			
Grab Tensile Strength (MD x CMD)	ASTM D4632	400 lbs x 335 lbs	1.78 kN x 1.491 kN
Grab Elongation (MD x CMD)	ASTM D4632	20% x 15%	
Trapezoidal Tear Strength	ASTM D4533	145 lbs x 125 lbs	0.645 kN x 0.556 kN
CBR Puncture Strength	ASTM D6241	1250 lbs	5.563 kN
HYDRAULIC PROPERTIES			
Permittivity ³	ASTM D4491	1.5 sec ⁻¹	
Water Flow ³	ASTM D4491	115 gpm/ft²	4685 l/min/m²
Percent Open Area (POA) ³	COE-02215	8%	
Apparent Opening Size (AOS) ^{3,4}	ASTM D4751	30 US Sieve	0.60 mm
ENDURANCE PROPERTY			
UV Stability	ASTM D4355	90% at 500 hours	
PACKAGING DETAILS			
Roll Width	Measured	15 ft	4.6 m
Roll Length	Measured	300 ft	91.5 m
Roll Area	Measured	500 yd²	418 m²
Roll Weight	Measured	320 lbs	146 kg

NOTE

1 The property values listed above are subject to change without notice

2 Minimum Average Roll Value (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above. All values are MARV unless otherwise noted.

3 At time of manufacturing. Handling may change these properties.

4 Maximum Average Roll Value

5 S/F=Silt Fence, SP=Separation, ST=Stabilization, D=Drainage, E=Erosion Control, SS=Subgrade Stabilization

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