

# TerraTex® N16

TerraTex® N16 is a nonwoven geotextile made up of polypropylene fibers. These fibers are needed to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. TerraTex® N16 is manufactured to meet or exceed the following minimum average roll values:

Unless noted otherwise, all values are minimum average roll values (MARV).

| PROPERTY                      | TEST METHOD | ENGLISH                 | METRIC                   |
|-------------------------------|-------------|-------------------------|--------------------------|
| Weight (Typical) <sup>1</sup> | ASTM D5261  | 16.0 oz/yd <sup>2</sup> | 542 g/m <sup>2</sup>     |
| Grab Tensile                  | ASTM D4632  | 380 lbs                 | 1.690 kN                 |
| Grab Elongation               | ASTM D4632  | 50 %                    | 50 %                     |
| Trapezoid Tear                | ASTM D4533  | 145 lbs                 | 0.644 kN                 |
| CBR Puncture                  | ASTM D6241  | 1,080 lbs               | 4.82 kN                  |
| Permittivity <sup>1</sup>     | ASTM D4491  | 0.70 sec <sup>-1</sup>  | 0.70 sec <sup>-1</sup>   |
| Water Flow Rate <sup>1</sup>  | ASTM D4491  | 50 gpm/ft <sup>2</sup>  | 2,035 Lpm/m <sup>2</sup> |
| AOS <sup>1, 2</sup>           | ASTM D4751  | 100 US Std. Sieve       | 0.150 mm                 |
| UV Resistance                 | ASTM D4355  | 70 % @ 500 hrs          | 70 % @ 500 hrs           |

<sup>1</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>2</sup> Value represents maximum average roll value.

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