



# W250

woven geotextile

**Style W250** is a polypropylene woven geotextile for separation/stabilization applications. Produced from first quality raw materials, they provide the perfect balance of strength and separation in styles capable of functioning exceptionally well in a wide range of performance requirements. Unless indicated below, all listed properties are Minimum Average Roll Values:

| PROPERTY                | TEST METHOD | UNIT  | M.A.R.V.<br>(Minimum Average<br>Roll Value) | TYPICAL VALUE**    |
|-------------------------|-------------|---|---|--------------------|
| Nominal Weight          | ASTM D 5261 | oz/yd <sup>2</sup> (g/m <sup>2</sup> )      |   | 5.0 (170)          |
| Grab Tensile            | ASTM D 4632 | lbs (kN)                                    | 251 (1.115)                                 | 293 (1.250)        |
| Grab Elongation         | ASTM D 4632 | %   | 15  | 20                 |
| Wide Width Tensile      | ASTM D 4595 | Lbs/ft (kN/m)                               | 1850 (27)                                   | 2057 (30)          |
| Wide Width Elongation   | ASTM D 4595 | %   | 15/8  | 30/15              |
| Trapezoid Tear Strength | ASTM D 4533 | lbs (N)                                     | 90 (400)                                    | 110 (489)          |
| Puncture Resistance     | ASTM D 4833 | lbs (N)                                     | 101 (450)                                   | 124 (551)          |
| CBR Puncture Resistance | ASTM D 6241 | Lbs (N)                                     | 900 (4000)                                  | 1100 (4889)        |
| Mullen Burst Strength   | ASTM D 3786 | psi (kPa)                                   | 450 (3101)                                  | 530 (3655)         |
| Permittivity*           | ASTM D 4491 | sec <sup>-1</sup>                           | .05   | .10                |
| Water Flow*             | ASTM D 4491 | gpm/ft <sup>2</sup> (l/sec/m <sup>2</sup> ) | 4 (2.72)                                    | 7.5 (5.08)         |
| AOS*                    | ASTM D 4751 | US Sieve (mm)                               | 40 (.425)                                   | 40-50 (.425 - .30) |
| UV Resistance           | ASTM D 4355 | %/hrs                                       | 70/500                                      | 80/500             |

\* At the time of manufacturing. Handling, storage, and shipping may change these properties. \*\* Typical property values are for comparison purpose only.

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| PACKAGING                     |                                |
|-------------------------------|--------------------------------|
| Roll Dimensions (W x L) – Mts | 3.81 x 131.71 / 5.334 x 94.184 |
| Square Meters Per Roll        | 501.67                         |
| Estimated Roll Weight - Kg    | 81.6                           |

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