Geotextile Product Description Sheet

# Style R080

R080 is a nonwoven geotextile produced by needlepunching synthetic staple fibers in a random network to form a high strength dimensionally stable fabric. The fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a ph range of 2 to 13. R080 conforms to the physical property values listed below:

| Fabric Property | Test Method | Units | Minimum Average Roll Value |
|---|---|---|---|
| **Grab Tensile** | ASTM D 4632 | lbs. | 205 (.911 kN) |
| **Grab Elongation** | ASTM D 4632 | % | 50 |
| **Trap Tear** | ASTM D 4533 | lbs. | 80 (.356 kN) |
| **CBR Puncture** | ASTM D 6241 | lbs | 525 (2.33 kN) |
| **Permittivity*** | ASTM D 4491 | 1/sec | 1.4 |
| **Water Flow*** | ASTM D 4491 | gpm/sqft | 90 (3657 l/min/sm) |
| **AOS** | ASTM D 4751 | U.S. Sieve | 80 (.180 mm) |
| **UV Resistance after 500 hrs.** | ASTM D 4355 | % Strength Retained | 70 |
| **Packaging** | | | |
| **Roll Dimensions-Feet** | | | 12.5 x 360/15 x 300 |
| **Square Yards Per Roll** | | | 500 |
| **Estimated Roll Weight-Lbs.** | | | 250 |

* At time of manufacturing, handling may change these properties.



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