

TE-W250 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. TE-W250 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

| TESTED PROPERTY | TEST METHOD | UNIT ENGLISH (METRIC) | VALUE ENGLISH (METRIC) |
|---|-------------|--|-------------------------------------|
| Grab Tensile | ASTM D 4632 | lbs (N) | 250 (1113) |
| Grab Elongation | ASTM D 4632 | % | 15 |
| Trapezoidal Tear ⁽¹⁾ | ASTM D 4533 | lbs (N) | 90 (400) |
| CBR Puncture Resistance ⁽¹⁾ | ASTM D 6241 | lbs (N) | 750 (3338) |
| Permittivity* ⁽¹⁾ | ASTM D 4491 | 1/sec | 0.05 |
| Water Flow* ⁽¹⁾ | ASTM D 4491 | gpm/ft ² (lpm/ft ²) | 4 (163) |
| Apparent Opening Size (AOS)* ⁽²⁾ | ASTM D 4751 | US Sieve (mm) | 40 (.425) |
| UV Resistance | ASTM D 4355 | %/hrs | 70/500 |
| TYPICAL ROLL DIMENSIONS | | | |
| Roll Dimensions | | ft | 12.5 x 360 15 x 300 175 x 258 |
| Roll Area | | yd ² | 500 |
| Estimated Roll Weight | | lbs | 310 |

NOTES:

1. MARV = Minimum Average Roll Value.

2. Maximum average roll value as per ASTM D 4751.

Mullen Burst (ASTM D 3786) has been removed. It is not recognized by ASTM D 35 on Geosynthetics.

Puncture Strength (ASTM D 4833) has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture (ASTM D 6241).

***At the time of manufacturing. Handling may change these properties.**

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