

4.2 oz Non-woven Geotextile

This geotextile is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. Our geotextile resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13.

4.2 oz geotextile conforms to the physical values listed below:

| PROPERTY | TEST METHOD | UNIT | M.A.R.V. (Minimum Average Roll Value) |
|-------------------------|-------------|--------------------|--|
| Weight (Typical) | ASTM D5261 | oz/yd2 (g/m2) | 4.5 (153) |
| Grab Tensile | ASTM D4632 | lbs (kN) | 120 (.533) |
| Grab Elongation | ASTM D4632 | % | 50 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (kN) | 50 (.222) |
| Puncture Resistance | ASTM D4833 | lbs (kN) | 70 (.311) |
| Mullen Burst | ASTM D3786 | psi (kPa) | 240 (1654) |
| Permittivity* | ASTM D4491 | sec ⁻¹ | 1.8 |
| Water Flow* | ASTM D4491 | gpm/ft2 (l/min/m2) | 120 (4885) |
| A.O.S.* | ASTM D4751 | U.S. Sieve (mm) | 70 (.212) |
| U.V. Resistance | ASTM D4355 | %/hrs | 70/500 |

^{*}Note: Properties at the time of manufacturing. Handling, storage, and shipping may change these properties.

| PACKAGING | | | |
|-----------------------------|-----------------------|--|--|
| Roll Dimension (W x L) - Ft | 12.5 x 360 / 15 x 300 | | |
| Square Yards per Roll | 500 / 600 | | |
| Estimated Roll Weight - lbs | 152 / 192 | | |

This information is provided for reference purposes only and is not intended as a warranty or guarantee. LCSI assumes no liability in connection with the use of this information.

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