



## ADS GEOSYNTHETICS 0701T NONWOVEN GEOTEXTILE

### Scope

This specification describes ADS Geosynthetics 7.0 oz (0701T) nonwoven geotextile.

### Filter Fabric Requirements

ADS Geosynthetics 7.0 oz (0701T) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 7.0 oz (0701T) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 7.0 oz (0701T) conforms to the physical property values listed below:

### Filter Fabric Properties

| PROPERTY                | TEST METHOD | UNIT  | M.A.R.V.<br>(Minimum Average Roll Value) |
|-------------------------|-------------|---|--|
| Weight (Typical)        | ASTM D 5261 | oz/yd <sup>2</sup> (g/m <sup>2</sup> )      | 7.0 (237)                                |
| Grab Tensile            | ASTM D 4632 | lbs (kN)                                    | 180 (0.80)                               |
| Grab Elongation         | ASTM D 4632 | %   | 50                                       |
| Trapezoid Tear Strength | ASTM D 4533 | lbs (kN)                                    | 75 (0.333)                               |
| CBR Puncture Resistance | ASTM D 6241 | lbs (kN)                                    | 475 (2.11)                               |
| Permittivity*           | ASTM D 4491 | sec <sup>-1</sup>                           | 1.4                                      |
| Water Flow*             | ASTM D 4491 | gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> ) | 100 (4074)                               |
| AOS*                    | ASTM D 4751 | US Sieve (mm)                               | 70 (0.212)                               |
| UV Resistance           | ASTM D 4355 | %/hrs                                       | 70/500                                   |

| PACKAGING                    |                       |
|------------------------------|-----------------------|
| Roll Dimensions (W x L) – ft | 12.5 x 360 / 15 x 300 |
| Square Yards Per Roll        | 500                   |
| Estimated Roll Weight – lbs  | 220                   |

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