



ADS GEOSYNTHETICS 0801T NONWOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 8.0 oz (0801T) nonwoven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 8.0 oz (0801T) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 8.0 oz (0801T) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 8.0 oz (0801T) conforms to the physical property values listed below:

Filter Fabric Properties

| PROPERTY | TEST METHOD | UNIT | M.A.R.V. (Minimum Average Roll Value) |
|-------------------------|-------------|---|--|
| Grab Tensile | ASTM D 4632 | lbs (kN) | 205 (0.911) |
| Grab Elongation | ASTM D 4632 | % | 50 |
| Trapezoid Tear Strength | ASTM D 4533 | lbs (kN) | 80 (0.356) |
| CBR Puncture Resistance | ASTM D 6241 | lbs (kN) | 500 (2.224) |
| Permittivity* | ASTM D 4491 | sec ⁻¹ | 1.35 |
| Water Flow* | ASTM D 4491 | gpm/ft ² (l/min/m ²) | 90 (3657) |
| AOS* | ASTM D 4751 | US Sieve (mm) | 80 (0.180) |
| UV Resistance | ASTM D 4355 | %/hrs | 70/500 |

| PACKAGING | |
|------------------------------|---------------------|
| Roll Dimensions (W x L) – ft | 12.5 x 360 / 15x300 |
| Square Yards Per Roll | 500 |
| Estimated Roll Weight - lbs | 250 |

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