



Drainage



Filtration



Separation

ADS 1201T NONWOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 1201T (12.0 oz) nonwoven geotextile.

Filter Fabric Requirements

ADS 1201T (12.0 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 1201T (12.0 oz) resists ultraviolet deterioration, rotting, biological degradations, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 1201T (12.0 oz) 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 D4632 | lbs (kN) | 300 (1.33) |
| Grab Elongation | ASTM D4632 | % | 50 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (kN) | 1151 (0.511) |
| CBR Puncture Resistance | ASTM D6241 | lbs (kN) | 800 (3.56) |
| Permittivity* | ASTM D4491 | sec ⁻¹ | 0.8 |
| Water Flow* | ASTM D4491 | gpm/ft ² (l/min/m ²) | 65 (2648) |
| AOS* | ASTM D4751 | US Sieve (mm) | 100 (0.150) |
| UV Resistance | ASTM D4355 | %/hrs | 70 (500) |

Packaging

| | |
|-----------------------------------|------------------------------------------|
| Roll Dimensions (W x L) - ft. (m) | 12.5 x 360/15 x 300 (3.8 x 110/4.8 x 91) |
| Roll Square Yards (Square Meters) | 500 (418) |
| Estimated Roll Weight - lbs (kg) | 375 (170) |

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