



Drainage



Filtration



Separation

ADS 0351T NONWOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 0351T (3.5 oz) nonwoven geotextile.

Filter Fabric Requirements

ADS 0351T (3.5 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 0351T (3.5 oz) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 0351T (3.5 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) | 90 (0.401) |
| Grab Elongation | ASTM D4632 | % | 50 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (kN) | 40 (0.178) |
| CBR Puncture Resistance | ASTM D6241 | lbs (kN) | 250 (1.113) |
| Permittivity* | ASTM D4491 | sec ⁻¹ | 2.0 |
| Water Flow* | ASTM D4491 | gpm/ft ² (l/min/m ²) | 145 (5907) |
| AOS* | ASTM D4751 | US Sieve (mm) | 50 (0.30) |
| Melting Point | ASTM D276 | Fahrenheit (Celsius) | 320 (160) |
| UV Resistance | ASTM D4355 | %/hrs | 70/500 |

Packaging

| | |
|-----------------------------------|--|
| Roll Dimensions (W x L) - ft. (m) | 3.0/4.0/7.5/12.5/15 x 360 (0.9/1.2/2.3/3.8/4.5 x 110) |
| Roll Square Yards (Square Meters) | 120/160/300/500/600 (100/133/250/418/502) |
| Estimated Roll Weight - lbs (kg) | 31/33/77/130/155 (14/15/35/59/70) |

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