



Drainage



Filtration



Separation

ADS 1601T NONWOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 1601T (16.0 oz) nonwoven geotextile.

Filter Fabric Requirements

ADS 1601T (16.0 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 1601T (16.0 oz) resists ultraviolet deterioration, rotting, biological degradations, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 1601T (16.0 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)	380 (1.69)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	140 (0.623)
CBR Puncture Resistance	ASTM D6241	lbs (kN)	1025 (4.561)
Permittivity*	ASTM D4491	sec ⁻¹	0.7
Water Flow*	ASTM D4491	gpm/ft ² (l/min/m ²)	50 (2035)
AOS*	ASTM D4751	US Sieve (mm)	100 (0.150)
UV Resistance	ASTM D4355	%/hrs	70 (500)

Packaging

Roll Dimensions (W x L) - ft. (m)	15 x 150 (4.8 x 45)
Roll Square Yards (Square Meters)	250 (209)
Estimated Roll Weight - lbs (kg)	250 (113)

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