



Drainage



Filtration



Separation

## ADS 0801T/O NONWOVEN GEOTEXTILE SPECIFICATION

### Scope

This specification describes ADS 0801T/O nonwoven geotextile.

### Filter Fabric Requirements

ADS 0801T/O is an orange nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. ADS 0801T/O is inert to biological degradation and resists naturally encountered chemicals, alkali and acids. ADS 0801T/O conforms to the physical property values listed below:

### Filter Fabric Properties

Property	Test Method	Unit	Typical Value MD	Typical Value CD
Grab Tensile Strength	ASTM D4632	lbs (N)	240 (1068)	240 (1068)
Grab Tensile Elongation	ASTM D4632	%	70	70
Trapezoid Tear Strength	ASTM D4533	lbs (N)	90 (400)	90 (400)
CBR Puncture Strength	ASTM D6241	lbs (N)	630 (2802)	630 (2802)
Permittivity	ASTM D4491	sec <sup>-1</sup>	1.5	1.5
Flow Rate	ASTM D4491	gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	95 (3870)	95 (3870)
UV Resistance (at 500 hours) <sup>1</sup>	ASTM D4355	% strength retained	80	80

### Physical Properties

Property	Test Method	Unit	Typical Value
Weight	ASTM D5161	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	8.0 (271)
Thickness	ASTM D5199	mils (mm)	70 (1.8)
Roll Dimensions (W x L)	-	ft (m)	15 x 300 (4.5 x 91)
Roll Area	-	yd <sup>2</sup> (m <sup>2</sup> )	500 (418)
Estimated Roll Weight	-	lb (kg)	271 (122)

Apparent Opening Size (AOS): ASTM D4751: U.S. Sieve (mm): 80 (0.18) is tested to a Maximum Opening Diameter Value.