



## ADS GEOSYNTHETICS 4599 NONWOVEN GEOTEXTILE

### Scope

This specification describes ADS Geosynthetics 3.8 oz (4599) nonwoven geotextile.

### Filter Fabric Requirements

ADS Geosynthetics 3.8 oz (4599) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 3.8 oz (4599) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 3.8 oz (4599) conforms to the physical property values listed below:

### Filter Fabric Properties

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight	ASTM D 5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	3.8 (129)
Grab Tensile	ASTM D 4632	lbs (kN)	90 (0.4)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	35 (0.155)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	275 (1.22)
Asphalt Retention		gal/ sq yd.	0.2
Melting Point		<sup>0</sup> F( <sup>0</sup> C)	300(149)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	6.25/10.5/12.5/15 x360
Square Yards Per Roll	250/420/500/600
Estimated Roll Weight – lbs	70/115/130/150

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