



ADS GEOSYNTHETICS 4598 NONWOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 4.2 oz (4598) nonwoven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 4.2 oz (4598) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 4.2 oz (4598) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 4.2 oz (4598) 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/sy (g/m ²)	4.2 (143)
Grab Tensile	ASTM D 4632	lbs (kN)	102 (0.453)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	45 (.20)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	300 (1.24)
Asphalt Retention		gal/ sq yd.	0.2
Melting Point		^o F(^o 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.