



ADS GEOSYNTHETICS 135W WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 135W woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 135W is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. ADS Geosynthetics 135W resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 135W conforms to the physical property values listed below:

Filter Fabric Properties

PROPERTY	TEST METHOD	ENGLISH M.A.R.V. (Minimum Average Roll Value)	METRIC M.A.R.V. (Minimum Average Roll Value)
Tensile Strength (Grab)	ASTM D-4632	135 lbs	600 N
Elongation	ASTM D-4632	12%	12%
CBR Puncture	ASTM D-6241	380 lbs	1691 N
Puncture	ASTM D-4833	65 lbs	285 N
Mullen Burst	ASTM D-3786	325 psi	2240 kPa
Trapezoidal Tear	ASTM D-4533	55 lbs	244 N
UV Resistance (at 500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.05 sec ⁻¹	.05 sec ⁻¹
Water Flow Rate	ASTM D-4491	4 gpm/ft ²	160 l/min/m ²

*Maximum average roll value.