



VODALAND

REINVENTING THE ENVIRONMENT

Agro Textile

Our Agro Textile Non Woven Landscaping fabric is chemical free and safe for the environment. Made with heavy duty polypropylene. Controls weeds without the use of other chemicals which could cause harm to the soil or plants. Corrosion resistant, good water and air permeability, and anti microbial. Light and soft material makes for easy transport as well as installation. UV resistant and with high breaking strength. NTPEP certified and meets requirements per ASHTO standards.

Fabric Property	Test Method	English	Metric
Mass Per Unit	ASTM D 5261	1.5oz/yd ²	52g/m ²
Grab Tensile Strength	ASTM D 4632	55lbs.	0.244 kN
Grab Elongation	ASTM D 4632	70%	70%
Trapezoid Tear Strength	ASTM D 4533	17lbs.	0.075 kN
CBR Puncture Resistance	ASTM D 6241	63lbs.	0.280 kN
Permittivity	ASTM D 4491	1.15 sec	1.15 sec
Permeability	ASTM D 4491	0.042 cm/sec	0.00042/ meter per sec
Water Flow Rate	ASTM D 4491	86.2 gpm/ft ²	326.3 lpm/m ²
Apparent Opening Size	ASTM D 4751	270 Std U.S - Sieve	0.053 mm
Puncture	ASTM D 4833	14lbs.	0.062 kN
UV Resistance	ASTM D4355/ D4355M-21	95% /500 hrs.	95% /500 hrs.
Nominal Thickness	ASTM D 5199	15 mils	15 mils

All tests and statements are registered with Vodaland USA. If you ever have any questions regarding our tests or our geo textiles, please immediately reach out to us at 314-717-1551 or at our website at vodaland-usa.com