

GEO 12.1-4800W

Woven Geotextile



GeoCHEM
Incorporated

GEO 12.1-4800W is a woven geotextile made of 100% high-tenacity polypropylene yarns. GEO 12.1-4800W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 12.1-4800W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	12.1 oz/sy	410 g/sm
Tensile Strength	ASTM D-4632	600 x 600 lbs	2,669 x 2,669 N
Elongation @ Break	ASTM D-4632	20 x 15%	20 x 15%
Wide Width Tensile	ASTM D-4595	4,800 x 4,800 lbs/foot (400 x 400 lbs/in)	70 x 70 kN/m
Wide Width Elongation	ASTM D-4595	10.2 x 7.2%	10.2 x 7.2%
CBR Puncture	ASTM D-6241	1,400 lbs	6,228 N
Trapezoidal Tear	ASTM D-4533	200 x 200 lbs	890 x 890 N
Apparent Opening Size	ASTM D-4751	80 US Sieve	0.18 mm
Permittivity	ASTM D-4491	0.15 Sec-1	0.15 Sec-1
Water Flow Rate	ASTM D-4491	10 g/min/sf	407 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sys	405 lbs

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