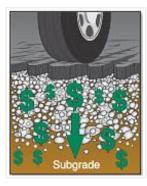
GEO 14.7-6200W

Woven Geotextile



A woven geotextile made of 100% high-tenacity polypropylene yarns. GEO 14.7-6200W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 14.7-6200W meets the following M.A.R.V. values except where noted:





PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	14.75 oz/sy	500 g/sm
Tensile Strength	ASTM D-4632	700 x 700 lbs	3,114 x 3,114 N
Elongation @ Break	ASTM D-4632	20 x 15%	20 x 15%
Wide Width Tensile	ASTM D-4595	6,056 x 5,515 lbs/ft (505 x 460 lbs/in)	88 x 80 kN/m
Wide Width Elongation	ASTM D-4595	13.2 x 9.6%	13.2 x 9.6%
Mullen Burst*	ASTM D-3786*	1,350 psi	9,307 kPa
Puncture Strength*	ASTM D-4833*	300 lbs	1,335 N
CBR Puncture	ASTM D-6241	1,700 lbs	7,562 N
Trapezoidal Tear	ASTM D-4533	250 x 250 lbs	1,112 x 1,112 N
Apparent Opening Size	ASTM D-4751	80 US Sieve	0.180 mm
Permittivity	ASTM D-4491	0.109 Sec-1	0.109 Sec-1
Water Flow Rate	ASTM D-4491	8 g/min/sf	326 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sys	457 lbs

^{*} Historical averages (current values not available): Mullen Burst Strength ASTM D3786 is no longer recognized by ASTM D-35 on Geosynthetics as an acceptable test method. Puncture Strength ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

This information is provided for reference only and is not intended as a warranty or guarantee. GEOCHEM, INC assumes no liability in connection with the use of this information (1/2013).

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