

GEO 14.7-6200W

Woven Geotextile



GeoCHEM

INCORPORATED

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 sq yds	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.

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