

GEO 200W



GeoCHEM INCORPORATED

Woven Geotextile

GEO 200W is a woven geotextile made of 100% polypropylene slit film yarns. GEO 200W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 200W will satisfy the requirements as outlined in AASHTO M-288-06 for Class 3 Stabilization & Separation applications and meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	200 lbs	890 N
Elongation @ Break	ASTM D-4632	15%	15%
Mullen Burst*	ASTM D-3786*	400 psi	2,756 kPa
Puncture Strength*	ASTM D-4833*	90 lbs	400 N
CBR Puncture	ASTM D-6241	700 lbs	3,115 N
Trapezoidal Tear	ASTM D-4533	75 lbs	334 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.43 mm
Permittivity	ASTM D-4491	0.05 Sec-1	0.05 Sec-1
Water Flow Rate	ASTM D-4491	5 g/min/sf	203 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
12.5' x 432'	600 sqyds	200 lbs
15' x 360'	600 sqyds	200 lbs
17.5' x 309'	600 sqyds	200 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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