

# GEO 250W

## Woven Geotextile



**GeoCHEM**  
Incorporated

A woven geotextile made of 100% polypropylene slit film yarns. GEO 250W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 250W will satisfy the requirements as outlined in AASHTO M-288-06 for Class 2 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	250 lbs	1,112 N
Elongation @ Break	ASTM D-4632	15%	15%
Mullen Burst*	ASTM D-3786*	450 psi	3,102 kPa
Puncture Strength*	ASTM D-4833*	100 lbs	445 N
CBR Puncture	ASTM D-6241	900 lbs	4,005 N
Trapezoidal Tear	ASTM D-4533	90 lbs	405 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	.425 mm
Permittivity	ASTM D-4491	0.05 Sec-1	0.05 Sec-1
Water Flow Rate	ASTM D-4491	4 g/min/sf	163 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
12.5' x 432'	600 sqy	180 lbs
15' x 360'	600 sqy	180 lbs
17.5' x 309'	600 sqy	180 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).

GeoCHEM, Inc. - Phone: (907) 562-5755 ~ Fax: 206.219.3740  
 WA State Sales - Phone: (206) 774.8777 ~ Toll Free: 1 (800) 490.5320  
<http://www.geocheminc.com>