

# GEO 6.9-2700W



**GeoCHEM**  
INCORPORATED

## Woven Geotextile

GEO 6.9-2700W is a woven geotextile made of 100% high-tenacity polypropylene yarns. This product has high tensile strength and modulus and is used for reinforcement over soft soils. GEO 6.9-2700W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 6.9-2700W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	6.9 oz/sy	234 g/sm
Tensile Strength	ASTM D-4632	350 x 350 lbs	1,557 x 1,557 N
Elongation @ Break	ASTM D-4632	20 x 15%	20 x 15%
Wide Width Tensile	ASTM D-4595	3,179 x 2,711 lbs/ft (265 x 226 lbs/in)	46 x 40 kN/m
Wide Width Elongation	ASTM D-4595	11.4 x 7.9%	11.4 x 7.9%
CBR Puncture	ASTM D-6241	1,000 lbs	4,448 N
Trapezoidal Tear	ASTM D-4533	120 x 120 lbs	534 x 534 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	0.150 Sec-1	0.150 Sec-1
Water Flow Rate	ASTM D-4491	11 g/min/sf	448 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sqy	231 lbs

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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