

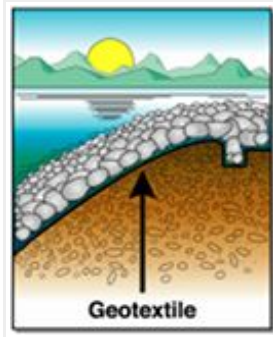
GEO 16.0-380NW



GeoCHEM INCORPORATED

Nonwoven Geotextile

GEO 16.0-380 NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. GEO 16.0-380 NW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 16.0-380 NW meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	16 oz/sy	542 g/sm
Tensile Strength	ASTM D-4632	380 lbs	1,690 N
Elongation @ Break	ASTM D-4632	50%	50%
Mullen Burst*	ASTM D-3786*	750 psi	5,168 kPa
Puncture Strength*	ASTM D-4833*	240 lbs	1,070 N
CBR Puncture	ASTM D-6241	1,080 lbs	4,806 N
Trapezoidal Tear	ASTM D-4533	145 lbs	644 N
Apparent Opening Size	ASTM D-4751	100 US Sieve	0.150 mm
Permittivity	ASTM D-4491	0.70 Sec-1	0.70 Sec-1
Water Flow Rate	ASTM D-4491	50 g/min/sf	2,035 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
15' x 150'	250 sys	270 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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