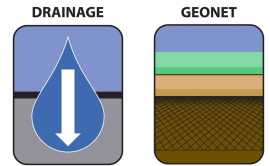




# US 270/1/6GN Geocomposite



A 250 mil HDPE Geonet with a MARV 6oz nonwoven attached to one side.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness <sup>(3)</sup> <span>Geonet</span>	<u>ASTM D-5199</u>	250 mils	6.35 mm
Tensile Strength <sup>(5)</sup> <span>Geonet</span>	<u>ASTM D-7179</u>	55 lbs/in	9.62 N/mm
Transmissivity <sup>(3,5)</sup> <span>Geonet</span>	<u>ASTM D-4716</u>	14.5 g/min/ft	3.0 x 10 <sup>-3</sup> m <sup>2</sup> /sec
Carbon Black <sup>(5)</sup> <span>Geonet</span>	<u>ASTM D-4218</u>	2 %	2 %
Density <sup>(5)</sup> <span>Geonet</span>	<u>ASTM D-1505</u>	0.94 g/cm <sup>3</sup>	0.94 g/cm <sup>3</sup>
Melt Flow <sup>(2)</sup> <span>Geonet</span>	<u>ASTM D-1238</u>	1 g/10 min (max)	1 g/10 min (max)
Transmissivity <sup>(3,5)</sup> <span>Geocomposite</span>	<u>ASTM D-4716</u>	7.25 g/min/ft	1.5 x 10 <sup>-3</sup> m <sup>2</sup> /sec
Ply Adhesion <sup>(5)</sup> <span>Geocomposite</span>	<u>ASTM D-7005</u>	1 lbs/in	178 g/cm
Weight <sup>(7)</sup> <span>Geotextile</span>	<u>ASTM D-5261</u>	6 oz/y <sup>2</sup>	203.4 g/m <sup>2</sup>
Grab Tensile Strength <span>Geotextile</span>	<u>ASTM D-4632</u>	160 lbs	711 N
Elongation @ Break <span>Geotextile</span>	<u>ASTM D-4632</u>	50 %	50 %
CBR Puncture <span>Geotextile</span>	<u>ASTM D-6241</u>	450 lbs	2,003 N
Trapezoidal Tear <span>Geotextile</span>	<u>ASTM D-4533</u>	65 lbs	289 N
Apparent Opening Size <span>Geotextile</span>	<u>ASTM D-4751</u>	70 US Sieve	0.21 mm
Permittivity <sup>(1)</sup> <span>Geotextile</span>	<u>ASTM D-4491</u>	1.63 Sec <sup>-1</sup>	1.63 Sec <sup>-1</sup>
Permeability <sup>(1)</sup> <span>Geotextile</span>	<u>ASTM D-4491</u>	0.3 cm/sec	0.3 cm/sec
Water Flow Rate <sup>(1)</sup> <span>Geotextile</span>	<u>ASTM D-4491</u>	125 g/min/f <sup>2</sup>	5,093 L/min/m <sup>2</sup>

<sup>(1)</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties. <sup>(2)</sup> Maximum average roll value (MaxARV). <sup>(3)</sup> Transmissivity measured using water at 21 ± 2 ° C (70 ± 4) ° C with a gradient of 0.1 and a confining pressure of 10,000 psf between steel plates after 15 minutes. Values may vary with individual labs. <sup>(4)</sup> Condition 190/2.16. <sup>(5)</sup> Minimum average value. <sup>(6)</sup> Maximum. <sup>(7)</sup> Minimum average roll value (M.A.R.V.).

## US 270/1/6GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 230'	33"	14.5'	1,150 lbs	3,335 f <sup>2</sup>	27

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