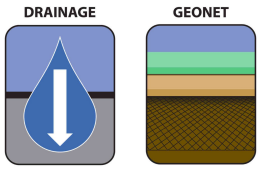
US 160/1/6GN

Geocomposite



A 150 mil HDPE Geonet with a MARV 6oz nonwoven attached to one side.

PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness[5] Geonet	ASTM D-5199	150 mils	3.81 mm
Tensile Strength[5] Geonet	ASTMD-7179	30 lbs/in	5.24 N/mm
Transmissivity[1,3] Geonet	ASTM D-4716	4.83 g/min/ft	1.0 x 10^{-3} m^2/sec
Carbon Black[5] Geonet	ASTM D-4218	2 %	2 %
Density[5] Geonet	ASTM D-1505	0.94 g/cm^3	0.94 g/cm^3
Melt Flow[2] Geonet	ASTM D-1238	1 g/10 min (max)	1 g/10 min (max)
Transmissivity[1,3] Geocomposite	ASTM D-4716	2.42 g/min/ft	5.0 x 10^{-4} m^2/sec
Ply Adhesion[5] Geocomposite	ASTM D-7005	1 lbs/in	178 g/cm
Weight[7] Geotextile	ASTM D-5261	6 oz/y^2	203.4 g/m^2
Grab Tensile Strength Geotextile	ASTM D-4632	160 lbs	711 N
Elongation @ Break Geotextile	ASTM D-4632	50 %	50 %
CBR Puncture Geotextile	ASTM D-6241	450 lbs	2,003 N
Trapezoidal Tear Geotextile	ASTM D-4533	65 lbs	289 N
Apparent Opening Size Geotextile	ASTM D-4751	70 US Sieve	0.21 mm
Permittivity[1] Geotextile	ASTM D-4491	1.63 Sec^{-1}	1.63 Sec^{-1}
Permeability[1] Geotextile	ASTM D-4491	0.3 cm/sec	0.3 cm/sec
Water Flow Rate[1] Geotextile	ASTM D-4491	125 g/min/f^2	5,093 L/min/m^2

[1] At the time of manufacturing. Handling, storage, and shipping may change these properties. [2] Maximum average roll value (MaxARV). [3] 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. [4] Condition 190/2.16. [5] Minimum average value. [6] Maximum. [7] Minimum average roll value (M.A.R.V.).

US 160/1/6GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 300'	33"	14.5'	1,050 lbs	4,350 f^2	27

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