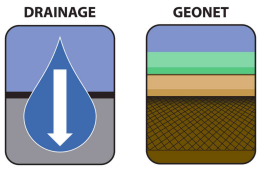
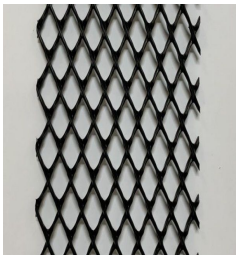
US 270GN

Geonet



A 250 mil HDPE Geonet. Transnet three-dimensional, bi-planer geonets are manufactured from high-density polyethylene (HDPE) resin formulated with 2.0 % carbon black.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness(3)	ASTM D-5199	250 mils	6.35 mm
Tensile Strength(3)	ASTM D-7179	55 lbs/in	9.62 N/mm
Transmissivity(1,3)	ASTM D-4716	14.5 g/min/ft	3.0 x 10^{-3} m^2/sec
Carbon Black(3)	ASTM D-4218	2 %	2 %
Density(3)	ASTM D-1505	0.94 g/cm^3	0.94 g/cm^3
Melt Flow(2)	ASTM D-1238	1 g/10 min (max)	1 g/10 min (max)

(1) 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.
(2) Condition 190/2.16.
(3) Minimum average value.

US 270GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 225'	33"	14.5'	975 lbs	3,262.5 f^2	27

US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227
Phone: (800) 518-2290 | Fax: (513) 217-4420 | email: info@usfabrics.com

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