The Plastics Experts.

AGRU Geonet

250 MIL

AGRU America's Geonet is a high-density polyethylene drainage product that is ideal for applications such as landfill cells, detection & collection in double-lined systems, landfill caps for drainage and methane gas collection, and landscape drainage systems. AGRU's Geonet is bixial and biplanar, presenting a rib formation that allows for high flow in both machine and cross-machine directions.

GEONET			
Property	**Test Method**	**Frequency**	**Minimum Average Values**
Thickness, mil (mm)	ASTM D5199	50,000 sf	250 (6.4)
Peak Tensile Strength MD, lbs./in. (N/mm)	ASTM D5035 / 7179	50,000 sf	55 (9.6)
Density, g/cm³	ASTM D792, Method B	50,000 sf	0.94
Carbon Black Content (%)	ASTM D4218	50,000 sf	2 - 3
Transmissivity(2), m²/sec. (gal/min/ft)	ASTM D4716	500,000 sf	3×10^{-3} (14.5)

Notes:

(1) Standard roll lenth is 250'.

(2) Transmissivity at 21°C, gradient of 0.1, load of 10,000 psf, seat time 15 min between steel plates.

(3) All roll widths are 14.5 feet. All roll lengths and widths have a tolerance of ±1%.

AGRU America, Inc.
500 Garrison Road
Georgetown, SC 29440 USA

(800) 373-2478 | Fax: (843) 546-0516
salesmkg@agruamerica.com
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