

AGRU Geonet 275 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 biaxial and biplanar, presenting a rib formation that allows for high flow in both machine and cross-machine directions.

GEONET COMPONENT ⁽¹⁾			
Property	Test Method	Frequency	Minimum Average Values
Thickness, mil (mm)	ASTM D5199	50,000 sf	275 (7.0)
Peak Tensile Strength MD, lbs./in. (N/mm)	ASTM D5035 / 7179	50,000 sf	65 (11.4)
Density, g/cm ³	ASTM D792, Method B	50,000 sf	0.94
Carbon Black Content (%)	ASTM D4218	50,000 sf	2 - 3
Transmissivity ⁽²⁾ , m ² /sec. (gal/min/ft)	ASTM D4716	500,000 sf	6 x 10 ⁻³ (29)

Notes:

- (1) Standard roll length is 230'.
- (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%.

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