

# 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 <sup>(1)</sup>                                   |                     |            |                           |
|---|---------------------|------------|---------------------------|
| 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 <sup>3</sup>  | ASTM D792, Method B | 50,000 sf  | 0.94                      |
| Carbon Black Content (%)  | ASTM D4218          | 50,000 sf  | 2 - 3                     |
| Transmissivity <sup>(2)</sup> , m <sup>2</sup> /sec. (gal/min/ft) | ASTM D4716          | 500,000 sf | 6 x 10 <sup>-3</sup> (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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