

GPS HD 20 mil Nominal HDPE Geomembranes

| PROPERTY | TEST METHOD | TEST VALUE |
|---|--------------------------------|------------|
| Thickness, mil (mm) | ASTME D 5199 | |
| Nominal | | 20 (0.51) |
| Lowest individual Reading | | 18 (0.45) |
| Density, g/cm ³ | ASTM D 1505 | 0.94 |
| Carbon Black Content, % | ASME C 1603, modified | 2.0 |
| Carbon Black Dispersion | ASTM D 5596 | Note 1 |
| Tensile Properties: (each direction) | ASTME D 6693 Type IV, 2 ipm | |
| Strength at Yield, lb/in (kN/m) | | 42 (7) |
| Strength at Break, lb/in (kN/m) | | 76 (12) |
| Elongation at Yield, % | (1.3" gauge length) | 12 |
| Elongation at Break, % | (2.0" gauge length) | 500 |
| Tear Resistance, lb(N) | ASTM D 1004 | 13 (57) |
| Puncture Resistance, lb(N) | ASTM D 4833 | 36 (158) |
| Notched Constant Tensile Load, hours | ASTM D 5397, appendix | 400 |
| Oxidative Induction Time, min. | ASTM D 3895 | 100 |

Dispersion only applies to near spherical agglomerates. 9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.549