



HDPE SMOOTH GEOMEMBRANE

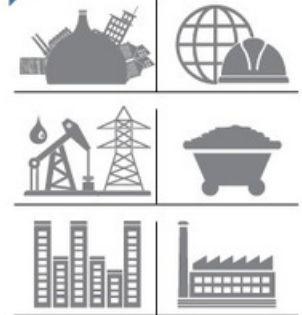


GeoLiner HDS 2.0

GeoLiner HDS is made of high density polyethylene (HDPE) material and is a smooth geomembrane liner on both sides. High elasticity and shear strength properties provide superior sealing performance in mining sites and waste storage areas.

| MECHANICAL - PHYSICAL PROPERTIES | VALUE | UNIT | TOLERANCE |
|---|---------|-------------------|-------------|
| Thickness | 2 | mm | - /+ 5% |
| Tensile Properties (ASTM D 6693) | | | |
| Tear Resistance | 249 | N | (min. Avg.) |
| Static Puncture Resistance (CBR) | 0.640 | kN | (min. Avg.) |
| Dimensional Stability (each direction) | +/- 2 | % | - |
| RAW MATERIAL CHARACTERISTICS | | | |
| Density | ≥ 0.940 | g/cm ³ | - |
| Melt Flow Index | ≤ 1 | g/10 min | - |
| Carbon Black Content | 2-3 | % | - |
| Carbon Black Dispersion | 1/2 | Category | - |
| DURABILITY UV RESISTANCE | | | |
| UV Resistance | | Yes | |
| Oxidative Induction Time (OIT) | ≥ 100 | min | - |
| Stress Cracking Resistance | ≥ 500 | hour | |

APPLICATION AREAS



FUNCTIONS



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