

GEOGRID

POLGRID BX 20/20 MAX



| PROPERTIES | TEST METHOD | UNIT | IMPERIAL | | METRICS | | |
|--------------------------------------|--|--------------------|-----------|-----------|------------------|-------|-----------|
| | | | VALUE | TOLERANCE | UNIT | VALUE | TOLERANCE |
| MATERIAL | | | | | | | |
| Material | Polymer PP | | | | | | |
| Unit Weight | | oz/ft ² | 0.66 | ±0.07 | g/m ² | 200 | ±20 |
| Minimum carbon black | | % | 2 | | % | 2 | |
| MECHANICAL | | | | | | | |
| Peak tensile strength | EN ISO 10319 | lb/ft | 1576/1576 | -206 | kN/m | 23/23 | -3 |
| Tensile strength at 2% strain MD/CMD | EN ISO 10319 | lb/ft | 548/548 | | kN/m | 8/8 | |
| Tensile strength at 5% strain MD/CMD | EN ISO 10319 | lb/ft | 1028/1028 | | kN/m | 15/15 | |
| Elongation at MAX load | | | | | | | |
| Along the band | EN ISO 10319 | % | 11 | ±1.5 | % | 11 | ±1.5 |
| Band width | | | 10 | ±1.5 | | 10 | ±1.5 |
| Junction efficiency | EN ISO 10319 | % | 100 | | % | 100 | |
| PHYSICAL | | | | | | | |
| Durability | Predicted to be durable for a minimum of 100 years in natural soils with 4< pH <9 and at soil temperatures <77°F (25°C) on the basis of durability assessment report BTTG 10/23388 and related test results To be covered within 1 month after installation | | | | | | |
| Aperture size - MD | | in | 2.56 | ±0.47 | mm | 65 | ±12 |
| Aperture size - CMD | | in | 2.56 | ±0.47 | mm | 65 | ±12 |
| DELIVERY | | | | | | | |
| Roll length | | ft | 246.1 | ±1% | mm | 75 | ±1% |
| Roll width | | ft | 13.1 | ±1% | mm | 4 | ±1% |

