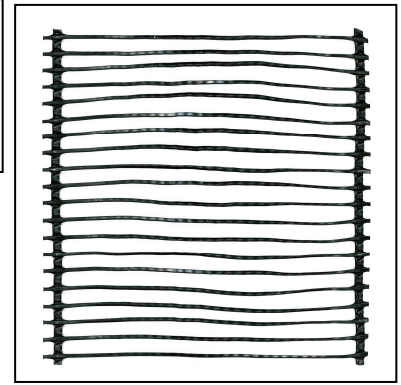


TENAX FLEXA

Type: 2 - 3

Mono-oriented geogrid in HDPE.



Picture out of scale

| PHYSICAL CHARACTERISTICS | TEST METHOD | UNIT | FLEXA | NOTES |
|--------------------------|-------------|------|--------------|-------|
| POLYMER TYPE | | | HDPE | - |
| STANDARD COLOUR | | | BLACK | |
| U.V. STABILIZER | | | CARBON BLACK | - |

| DIMENSIONAL CHARACTERISTICS | TEST METHOD | UNIT | FLEXA 2 | FLEXA 3 | NOTES |
|-----------------------------|-------------|------|---------------------------------|---------|-------|
| ROLL WIDTH | | m | 2.0 | 2.0 | |
| ROLL LENGTH | | m | 50.0 | 50.0 | |
| PACKAGING | | | ROLLS WITH IDENTIFICATION LABEL | | |

| TECHNICAL CHARACTERISTICS | TEST METHOD | UNIT | FLEXA 2 | FLEXA 3 | NOTES |
|---------------------------|-------------|------|---------|---------|-------|
| STRENGTH at 2% STRAIN | ISO 10319 | kN/m | 14 | 17 | b, c |
| STRENGTH at 5% STRAIN | ISO 10319 | kN/m | 27 | 39 | b, c |
| LONG TERM DESIGN STRENGTH | ISO 13431 | kN/m | 18.9 | 29.8 | a, d |

NOTE:

- a) 95% lower confidence limit values, ISO 2602
- b) Typical values
- c) Tests performed using extensometers at a strain rate of 20 ± 5% per minute in the gauge length at 20°C
- d) Design strength based upon 120 years design life at 20°C

GEN 1237,0 - E - 09/17



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