

**VEarth VG 240MF** geotextile fabric is manufactured using high tenacity polypropylene multifilament yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.



FILTRATION

STABILIZATIO

EROSION CONTROL

## TECHNICAL DATA SHEET

| Properties                    |      | Unit                | Test Method | VG 240 MF |
|-------------------------------|------|---------------------|-------------|-----------|
| Mass per unit area            |      | GSM                 | ASTM D5261  | 240       |
| Thickness                     |      | mm                  | ASTM D5199  | 0.6       |
| Tensile Strength              | Warp | KN/m                | ASTM D4595  | 60        |
|                               | Weft |                     |             | 50        |
| Elongation at break           | Warp | %                   | ASTM D4595  | 25        |
|                               | Weft |                     |             | 25        |
| Trapezoid Tear Strength       | Warp | N                   | ASTM D4533  | 1500      |
|                               | Weft |                     |             | 1500      |
| Grab Tensile Strength         | Warp | N                   | ASTM D4632  | 2200      |
|                               | Weft |                     |             | 2200      |
| Apparent opening Size (O90)   |      | μ                   | ASTM D4751  | 100       |
| CBR Puncture strength         |      | N                   | ASTM D6241  | 5000      |
| Index Puncture Resistance     |      | N                   | ASTM D4833  | 800       |
| Water Permeability@100mm Head |      | l/m <sup>2</sup> /s | ASTM D4491  | 25        |
| UV Resistance (500 Hrs)       |      | %                   | ASTM D4355  | 70        |