

# Terralys MF 50/25 W

Woven high flow geotextiles

PREVIEW



Technical Textiles

## PRODUCT INFORMATION

| TYPICAL PROPERTIES                           |     | TEST METHOD     | VALUE                   | TOLERANCE | UNIT          |
|----------------------------------------------|-----|-----------------|-------------------------|-----------|---------------|
| Descriptive properties                       |     |                 |                         |           |               |
| Mass per unit area                           |     | EN ISO 9864     | 174                     | - 17      | g/m²          |
| Thickness at 2kPa                            |     | EN ISO 9863 - 1 | 0,63                    | - 0,10    | mm            |
| Polymer type                                 |     |                 | PP                      |           |               |
| Colour                                       |     |                 | black                   |           |               |
| Mechanical properties                        |     |                 |                         |           |               |
| Dynamic perforation (cone drop)              |     | EN ISO 13433    | 13                      | + 3       | mm            |
| Static puncture (CBR-test)                   |     | EN ISO 12236    | 2,83                    | - 0,57    | kN            |
| Tensile strength                             | MD  | EN ISO 10319    | 50                      | ± 6,5     | kN/m          |
|                                              | CMD | EN ISO 10319    | 25                      | ± 3,3     | kN/m          |
| Strain at maximum load                       | MD  | EN ISO 10319    | 19                      | ± 4,4     | %             |
|                                              | CMD | EN ISO 10319    | 19                      | ± 4,4     | %             |
| Hydraulical properties                       |     |                 |                         |           |               |
| Opening size                                 |     | EN ISO 12956    | 175                     | ± 53      | µm            |
| Water Permeability                           |     | EN ISO 11058    | 0,033                   | - 0,010   | m/s           |
| Environmental Impact Categories              |     |                 |                         |           |               |
| Global Warming Potential<br>(Cradle-to-Gate) |     | EN 15804 +A2    | 0,35                    |           | kg CO2 eq./m² |
| Durability                                   |     |                 |                         |           |               |
| Oxidation resistance (thermal stability)     |     | EN ISO 13438    | < 50 % loss of strength |           |               |

DATASHEET Terralys MF 50/25

version **PREVIEW**

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It is offered solely for your consideration, investigation, verification and shall form no part of any contract with the customer.