

Ökolys BL130 L25

Agrotextiles - Industrial compostable groundcover

Technical Textiles

Functions

Stimulates the growth of the plants

Prevents the growth of weeds

Not harmful to the environment and prevents the use of herbicides

**Product Specifications**

| PROPERTIES | TEST METHOD | VALUE | | UNIT | TOLERANCE |
|---------------|-------------|---|-------|------------------|-----------|
| | | WARP | WEFT | | |
| MATERIAL | | PLA blend biodegradable and compostable | | | |
| TISSUE COLOUR | | black | | | |
| TAPE COLOUR | | black | black | | |
| PATTERN | | line 25 cm | | | |
| COLOUR LINING | | green | | | |
| TISSUE WEIGHT | ISO 3801 | 130 | | g/m ² | ± 5 % |
| WIDTH | | 270 - 310 - 415 | | cm | ± 2 cm |
| LENGTH | | 100 | | m | ± 2 % |
| REMARKS | | | | | |

Technical characteristics

| Technical Characteristics | | | | | |
|---------------------------|---|-------|------|------|-----------|
| PROPERTIES | TEST METHOD | VALUE | | UNIT | TOLERANCE |
| | | WARP | WEFT | | |
| BREAK ELONGATION | ISO 10319 | 30 | 30 | % | ± 20% |
| TENSILE STRENGTH | ISO 10319 | 12,0 | 8,5 | kN/m | ± 20 % |
| UV-STABILIZATION | ISO 4892-3 cycle 3 | ≅ 320 | | kLy | |
| SHRINKAGE à 60 °C | INTERNAL | 1,5 | 1,5 | % | MAX |
| WATERPERMEABILITY | ISO 11058 | 0,010 | | m/s | ± 50 % |
| REMARKS | UV-Stabilization : Based on QUV testing min 3000 h (cycles of 5 h light exposure UV-A 340 nm 0,83 W/m² at 50°C and 1 h water spray), which corresponds theoretically to a solar irradiation of 320 kLY. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 3-4 years. | | | | |

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