

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 | | green | | | |
| TAPE COLOUR | | black | green | | |
| PATTERN | | line 25 cm | | | |
| COLOUR LINING | | green | | | |
| TISSUE WEIGHT | ISO 3801 | 110 | | g/m ² | ± 5 % |
| WIDTH | | 207 - 310 - 415 | | cm | ± 2 cm |
| LENGTH | | 100 | | m | ± 2 % |
| REMARKS | | Invisible marking lines every 25 cm : lines are visible from close up, but become invisible from a distance | | | |

Technical characteristics

| PROPERTIES | TEST METHOD | VALUE | | UNIT | TOLERANCE |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------|------|-----------|
| | | WARP | WEFT | | |
| BREAK ELONGATION | ISO 10319 | 30 | 20 | % | ± 20% |
| TENSILE STRENGTH | ISO 10319 | 8,0 | 4,5 | 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 % |
| BURNING BEHAVIOR | ISO 12952 - 2 | Ignitability by a smouldering cigarette: meets the requirements for acceptance as mentioned in the test method | | | |
| | ISO 12952 -3 | Ignitability by a small open flame: meets the requirements for acceptance as mentioned in the test method | | | |
| 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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