

## reyfilm bio

## black biodegradable mulch film

| PROPERTIES                        | VALUE      | UNIT     | STANDARD        |
|-----------------------------------|------------|----------|-----------------|
|                                   |            |          |                 |
| Dimensional characteristics       |            |          |                 |
| Nominal Thickness                 | 15         | μm       | ISO 4591        |
| Mechanical properties             |            |          |                 |
| Tensile strength at break         |            |          |                 |
| MD                                | 20         | MPa      | ISO 527-3       |
| _ TD                              | 17         | MPa      | ISO 527-3       |
| Tensile strain at break           | 222        | 0/       | 100 507 0       |
| MD<br>TD                          | 200<br>350 | %        | ISO 527-3       |
| טו                                | 350        | %        | ISO 527-3       |
|                                   |            |          |                 |
| Impact resistance (Dart test F50) |            |          |                 |
| Flat area                         | 130        | g        | ISO 7765-1      |
|                                   |            | 9        |                 |
| Optical properties                |            |          |                 |
| Option properties                 |            |          |                 |
|                                   |            |          |                 |
|                                   |            | 0.4      | <b>-</b> N. 100 |
| Relative light transmission       | < 3        | %        | EN 13655        |
|                                   |            |          |                 |
|                                   |            |          |                 |
|                                   |            |          |                 |
| Other properties                  |            |          |                 |
| Durability (*)                    | 1          | seasons  |                 |
| Donasmy ()                        | ı          | 00000110 |                 |

<sup>(\*)</sup> At a climate of 140 - 160 kLangley/year (for different radiation conditions or different thickness, we should be consulted).

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