

Bio-Pla

This is a high stiffness film for packaging of fresh vegetables ready for use on V.F.F.S. machines.

Oil, grease and alcohol resistant, it can be used in direct contact with foodstuff . The high water vapour permeability will ensure good antifog properties and high transparency.

BIO-PLA is an ecosustainable film because, thanks to its poly-L-lactic acid based formulation, is compostable and 100% biodegradable, according to EN 13432:2000 directive.





FOOD PACKAGING FILM

| Characteristic | Units | Method | Value | Tolerance |
|----------------------------------|---|-------------------|--------------------|-----------|
| Thickness | mm. | | 0,040 | ±10% |
| <i>Sealing range temperature</i> | °C | | 80 – 130 | |
| <i>Sealing strength</i> | N | | >2 | |
| <i>Surface tension</i> | mN/m | DIN ISO 8296 | ≥37 | |
| <i>Opacity</i> | % | ASTM D 1003 | ≤3 | |
| <i>WVTR (23°C/85%RH)</i> | $\frac{\text{g}}{\text{m}^2 \cdot 24\text{h}}$ | ASTM F 1249 | 45 | ±10% |
| <i>O2TR (23°C/50%RH)</i> | $\frac{\text{cm}^2}{\text{m}^2 \cdot 24\text{h}}$ | DIN 53380-3 | 380 | ±10% |
| <i>Tensile strength</i> | L | N/mm ² | DIN EN ISO 527-1/3 | ≥50 |
| | T | N/mm ² | DIN EN ISO 527-1/3 | ≥100 |
| <i>Elongation at break</i> | L | % | DIN EN ISO 527-1/3 | ≥120 |
| | T | % | DIN EN ISO 527-1/3 | ≥50 |

Notice

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