

## TBIO 08 compostable bags of translucent film

### PRODUCT DESCRIPTION:

Transparent monolayer bioplastic bag imitating polyethylene, registered as compostable according to EN 13432.

The purpose of use is to preserve products.

### APPLICATIONS

Replaces polyethylene bags.  
Suitable for Flow pack machine and manual packaging.

### FOOD CONTACT REGULATION

The film complies with the requirements for contact with food according to Regulation (EC) No 10/2011 (see declaration of conformity)

### COMPOST

OK INDUSTRIAL COMPOST certificate issued by TUV Austria.



Disposable in organic bin or home compost.

### BAG MEASUREMENTS

Consult

### PRINTING

Single-side one-ink printing

Compostable inks according to EN 13432 standard

## PROPERTIES

Propierties	Standard	Unit	B5037 (B0183)
Density	ISO 1183	g/cm <sup>3</sup>	1.45
Moisture**	-	ppm	<600
Tensile modulus (MD)	ISO 527-3	MPa	130
Tensile modulus (TD)	ISO 527-3	MPa	125
Tensile strength (MD)	ISO 527-3	MPa	21
Tensile strength (TD)	ISO 527-3	MPa	23
Elongation at break (MD)	ISO 527-3	%	390
Elongation at break (TD)	ISO 527-3	%	500
Tear strength (MD)	ISO 6383	N/mm	80
Tear strength (TD)	ISO 6383	N/mm	130

\*\* before packaging

(MD) = Machine direction; (TD) = Transversal direction

## STORAGE AND DURABILITY

This product will keep under optimum processing conditions for its "save product" function for 3 years, provided it is stored in a dry place away from sunlight, and the ambient temperature should not constantly exceed 30°C.

Compostable films begin to decompose rapidly when they are treated by micro-organisms, either artificially or naturally, but over time the mechanical properties degrade, so it is important to take into account the above-mentioned deadlines.