

CYCLPAC

FAQ's Home Compostable Film

What is the product and how is it made?

- Biomaterial is plasticiser and GMO-free material based on potato starch, suitable for domestic and industrial composting.

How should I dispose of it?

- Put into your home compost bin, or food waste caddies and green waste for collection by local authorities.

How long does it take to compost?

- Certification for OK compost HOME, requires the products to completely compost within 6 months at a constant temperature.
- Home Composting will take up-to a maximum of 12 months.

How does the process work?

- The composting process needs microorganisms and humidity to start the process, this will happen at ambient temperatures. The material will be completely metabolized by microorganisms.

Are any contaminants left behind?

- No contaminants will be left behind. The material will be completely converted into CO₂, water and biomass. (At least 90% of the Carbon will be converted into CO₂.)

What happens if it is put into landfill?

- Compostable film is not intended for landfill, although it will biodegrade eventually depending on conditions.

Will it dissolve in water?

- No. Although pure starch is soluble, once processed the Biomaterial is not.

Does Biomaterial contain allergens?

- No. Biomaterial does not contain any allergens and complies with the EU 2003/89 directive. Allergens policy provides full details and is available on request.

How should the film be stored?

- Store in normal dry warehousing conditions away from direct sunlight and above freezing temperatures.

What thicknesses are available?

- Minimum is 21 Micron and the maximum is 58 Micron

How does the film strength compare to standard LDPE?

- It has similar strength characteristics as LDPE films at similar gauges.

Can you print on Compostable film?

- Yes the film is suitable for print, it should be noted that ink coverages must be within specified parameters. We can support this process and provide details for film only supply

Is it suitable for food use?

- Verified as suitable for use in food contact applications.

What markets are you currently supplying to?

- Mailing applications, produce films, toilet tissues and pet bedding. Trials are being carried out in other markets.

Do you have any Certifications?

- "OK compost INDUSTRIAL" and "Ok Compost HOME" certification granted by TÜV AUSTRIA Belgium.
- BRC Accreditation - Grade AA.
- BS8555 – Phase 5.

Are there any limitations we should consider?

- Our compostable film remains the responsibility of manufacturer to end of life. Any additional processes (e.g. bag conversion/lamination etc) must be disclosed and discussed.