

BIOPLAST 300® HOME COMPOSTABLE - FAQ's

- **What is the product and how is it made?**
Bioplast 300® 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 in a well-maintained compost unit.
- **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?**
Bioplast 300® 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 Bioplast 300® material is not.
- **Does Bioplast contain allergens?**
No. Bioplast 300® does not contain any allergens and complies with the EU 2003/89 directive. Our 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 is the minimum gauge we can buy?**
20µm is the minimum.
- **How does the film strength compare to standard LDPE?**
It has similar strength characteristics as LDPE films at similar gauges.
- **Can you print on Bioplast film?**
Yes the film is suitable for print, it should be noted that ink coverages must be within specified parameters. Please contact us for clarification.
- **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. (Copies of these certificates are available upon request).
- **Are there any limitations we should consider?**
Bioplast 300® remains the responsibility of Alfaplas to end of life. Any additional processes (e.g. bag conversion/lamination etc) must be disclosed and discussed.
Please see above for ink limitations on printed film.