



The **Ecomp series** is Kafrit Group's new product line of compostable biopolymer solutions:

- Ecomp 100 – Compounds for film applications
- Ecomp 200 – Compounds for injection applications
- Ecomp MB's – Biobased masterbatches
- Ecomp 400 – Compounds for profiles and sheets

Please contact us for further information or recommendations.

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Giving Life to **Plastic**



**Biodegradable Compound
for Twin-wall Sheet
Applications**



Giving Life to **Plastic**



Ecomp[®] 420

Is comprised of 100% renewable resources.

Fulfil Standards: EN 13432, ASTM D6400-04, ISO 17088.

Ecomp 420 compound is starch-based with the addition of plasticizers and biopolymers.

This combination can be easily processed on conventional sheet extrusion equipment, with only minor process parameter changes, namely reduced temperature and controlled screw speed.

Sheets of 4 mm (300 µm wall thickness) may be produced and show good weldability, excellent mechanical properties and good printability.

◆ **Excellent results obtained on HP professional printers.**

Ecomp 420 fulfils the requirements of European Standard EN 13432, ASTM D6400-04 and the Japanese green PLA Standard of compostable and biodegradable polymers. The biodegradation process in compost is influenced by the specific environmental conditions (moisture, temperature, oxygen level, soil quality, population of micro-organisms).

