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ThermoPod biodegradable protective film:

The inner and outer protective films used in the manufacturing of ThermoPod products are manufactured utilizing a 1% minimum load by weight of ECM's MasterBatch Pellets. This additive combined with our other selected proprietary plastic resins, renders the ThermoPod film biodegradable while still maintaining our desired characteristics. ThermoPod protective film has been tested to be fully biodegrade when it is placed in conditions wherein they are in constant contact with other biodegrading materials.

ECM BioFilms, Inc:

ECM BioFilms, Inc. markets additives to plastic product manufacturers which produce biodegradable plastic products that can be priced competitively with, and have the same mechanical characteristics as, their traditional non-degradable products.

Plastic products made with ECM additives:

- Fully biodegrade in 9 months to 5 years
- Fully biodegrade when disposed of in a biodegrading environment, either anaerobically or aerobically:
 - in landfills
 - in compost (backyard compost or commercial facilities)
 - if buried or littered in the ground
 - in agricultural and erosion-control settings
- Are recyclable
- Can be made with recycled resins
- Do not use heat, light or mechanical stress to break them down
- Do not require special handling (unlike PLA and oxodegradable products)
- Do not contain heavy metals (unlike most oxodegradable products)

MasterBatch Pellets™ are used for extruding film and sheet (blown or cast), blow molding, injection molding and rotomolding products and parts. The addition of MasterBatch Pellets™ allows products to retain their desired attributes without adversely affecting the integrity or cosmetics.