



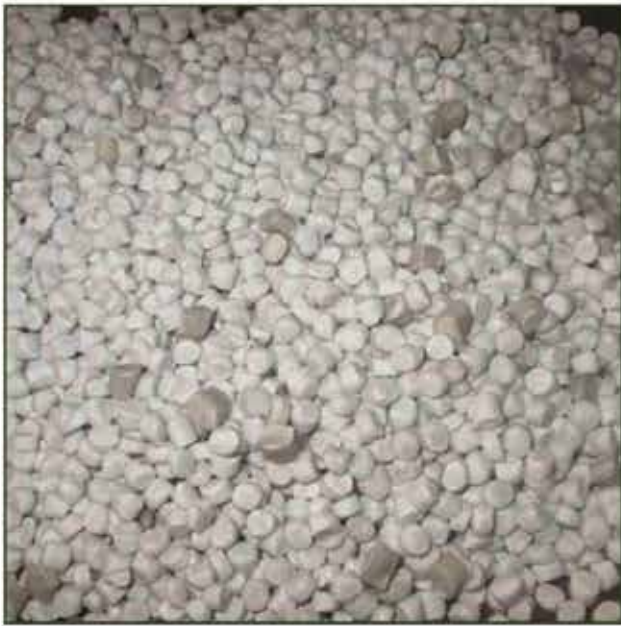
POLYDIME



PLASTICS

POLYDIME has been associated with the plastics industry since 1998 producing Polythene in roll, bag and pouch form, Alkathene and drip irrigation pipes, multilayer lamination films and pouches. We take pride in being one of the sought after names in the plastics packaging industry in Sri Lanka & Internationally.

BIO PLASTIC **RESIN** FOR SINGLE USE PLASTIC



Biocomp Resin is a special formulation of Biobased Polymer raw materials that have been carefully selected, tried and tested in all single use plastic applications. The unique feature of the blend is that it could be used in any variant of film based single use plastic product.

Certified Biodegradable and Compostable from:

- Dincertco, Germany
- Biodegradable Products Institute
- Vincotte, Belgium

Manufactured with certified Raw Materials that confirm Biodegradation & Compostability, based on Scientific tests run as per EN13432:2000-12, ASTM 6400. Product meets EU Food contact Standards.

BioComp Raw Materials

www.polydime.com



Application

Lunch Sheet



Shopping Bag

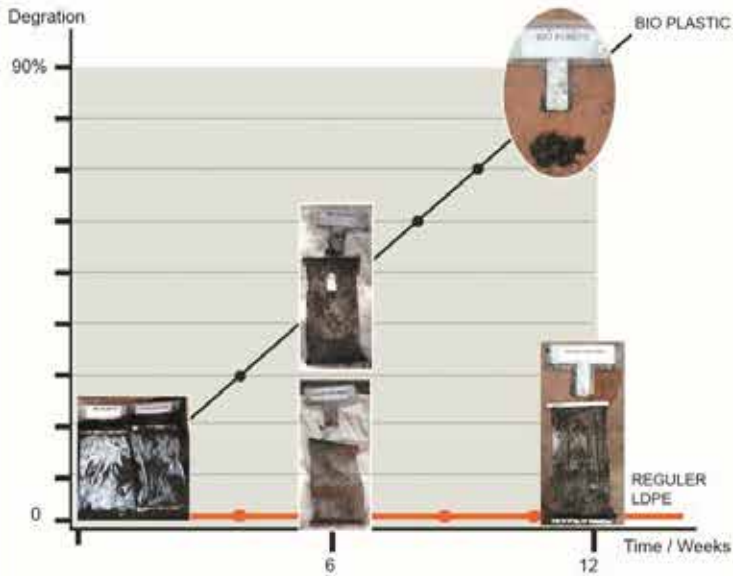


Garbage Bag



Biodegradation

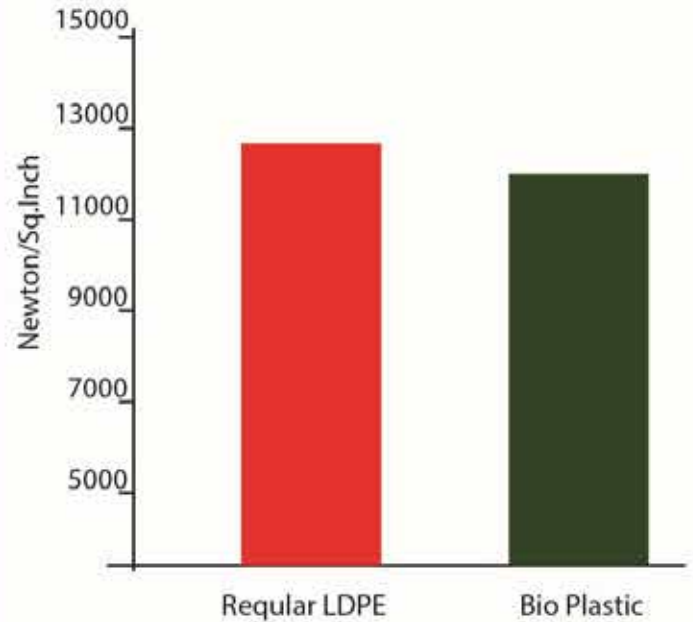
Comparison of in house trials on biodegradation for Bio plastic vs regular LDPE film



Result - Bio plastic degrades within 12 weeks. Without the regular LDPE shows insight of degradation.

Film Strength

Tensile Strength measurement of regular LDPE plastic bag vs Bio Plastic Bag.



Result - Even though Bio Plastic shows a slightly lower strength, it is still within multiple units.

Features



HIGH TEAR RESSISTANT



HEAT ABSORBABLE



SEPERATABLE



CHICKEN BAG