



Introducing BIO-DPS™



What is BIO-DPS?

- Organic Compounds in the form of a pellet which, when combined with plastic resins, renders the end product biodegradable.
- Breaks down plastic into stable, organic matter by weakening the plastic structure and attracting communities of microorganisms that can then digest it.
- 1-5 years to become fully biodegraded.
- Indefinite shelf life.
- Full preservation of mechanical properties.
- FDA Approved for contact with food. OSHA Approved as Non-Hazardous.



Testing Facility



The University of New Mexico

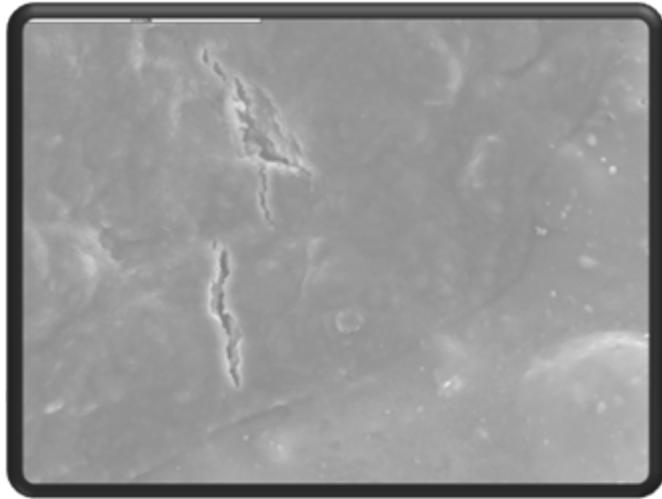
**Electron Microprobe Lab
Institute of Meteoritics
Department of Earth & Planetary
Sciences
University of New Mexico
Albuquerque, New Mexico
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The University of New Mexico

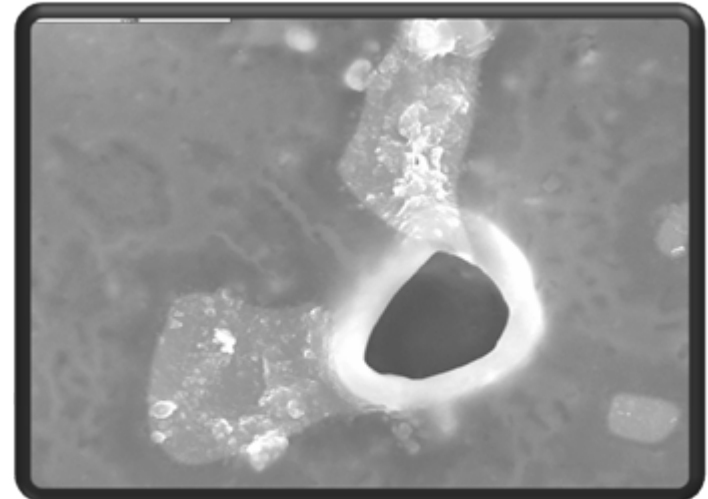
SCIENTIFIC FINDINGS

Obviously, microbial colonies are attached to the surface of the treated sample and no apparent colonies are on the untreated sample. The depressions and holes around the colonies indicate that they are degrading the material. Since these changes are only occurring on the treated sample, they could only be the result of the additive used in treating the resin. The additive is not present in the control sample, and it has therefore remained unaltered by microbial degradation.

Untreated Plastic Sample



Plastic treated with BIO-DPS





Bio-DPS™ Conclusion

Fully Biodegradable Plastic Products look like normal plastic products and have the same properties of plastic until placed into the waste stream. Best of all these products are offered at comparable prices to regular plastic products, all without changing the shelf life.

