

Australian Based, Globally Focused

Plantic Technologies is based in Australia, where its head office, principal manufacturing and research and development facilities are located. The company also has sales offices in Germany, France and the United Kingdom.

With an international network of corporate customers, distributors and research and development partners, Plantic Technologies continues to establish itself as a world leader in bioplastics innovation. Our goal is to redefine the nature of plastics across the board and around the globe.

In 2007, Plantic listed on the London Stock Exchange (AIM) under the symbol 'PLNT'.

For more information visit the company's website www.plantic.com.au



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Changing the nature of plastics



Leading the Field in Bioplastics

Plantic Technologies Limited is an international innovator in bioplastics. Unlike other providers, whose primary material is developed in a refinery, Plantic's is grown in a field. We have developed a biodegradable, organic alternative to conventional plastics based on high amylose corn starch – simple corn, which is not genetically modified.

Plantic's patented technology yields a range of raw materials that can become a rich variety of products across the spectrum of conventional plastics applications, including thermoforming, injection moulding, film extrusion and blow moulding, as well as rigid and flexible packaging, spraying, foaming and weaving.

From food and beverage packaging to medical, automotive and aerospace applications, there is virtually no industry that will not soon be affected and enhanced by this new technology.

Benefit Driven Technology

Plantic® is made from non-genetically modified renewable resources – high amylose corn starch. It is water dispersible, home compostable and compostable to European standards (EN13432).

Plantic® materials deliver several key benefits –
– Anti-static
– Excellent gas, taint and odor barrier performance
– Sealable, printable and laser etchable.

Plantic's energy requirement is also very low – approximately half that of PET and PVC.

To our industry customers and technology adoptors, we deliver vital price and scientific performance advantages. To the end consumer, desirous of making greener purchasing decisions, we offer an affordable and practical new level of choice, across a diverse range of product categories.



Commercial Applications

Plantic® Thermoforming

Plantic® thermoformed trays are currently used by many food, confectionery and industrial companies for the packaging of a variety of products.

Plantic® Injection Moulding

Plantic® material is available in resin form with a variety of specifications to suit a broad range of injection moulding applications including agriculture, horticulture, packaging and personal care.

In 2007, Plantic formed a starch-based biomaterials alliance with DuPont, one of the world's leading science companies. The alliance permits the collaborative development of new, renewably sourced resins and sheet materials based on high amylose corn starch, an annually renewable feedstock.

In addition to co-developing renewably sourced resins and sheet materials, DuPont brands and sells Plantic® injection moulding resin in all global markets except Australia

and New Zealand. DuPont also markets Plantic® sheet-based materials for trays and rigid packaging in North America. The Plantic® products are sold under the DuPont™ Biomax® TPS brand.

Plantic® Films

Plantic is currently developing a variety of film derivatives to meet a wide range of flexible packaging applications.

Also in development are Plantic-based films for water flushable applications in the household and personal care sectors. These are especially important where water dispersibility is required, and in wet environments where functionality is required for a defined period of time. These applications also include water dispersible labels.

Our partnerships with both Bemis in the Americas and Amcor in Europe accelerate Plantic's application development in the flexible packaging market and provide a conversion and distribution platform using the leading flexible packaging companies in these regions.

