



www.teyshatech.co.uk

NATURE-INSPIRED POLYMERS

TOTALLY ORGANIC, FULLY BIODEGRADABLE

Aggiepol™

Teysha introduces a range of new polymers for the packaging industry, based on sugars, designed for sustainability and biodegradability.

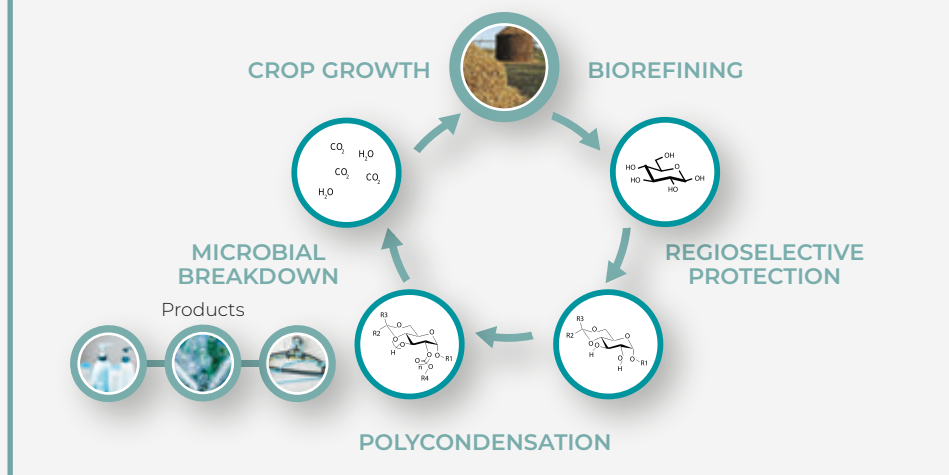
There is a need to introduce more sustainable materials into packaging, to reduce the pollution and other damaging effects caused by petrochemical polymers. Following extensive research and development Teysha has several new polymers ready for testing and evaluation by customers.

These are polycarbonates that are based on sugar building blocks resulting in products with a high natural content, all made with nature in mind. Due to the high sugar content, they are more amenable to breakdown in the environment.

Our first range of products includes materials from hard thermoplastics to soft elastomers, offering a sustainable solution for various packaging requirements.

**JOIN US IN EMBRACING A GREENER FUTURE.
EXPLORE TEYSHA'S INNOVATIVE POLYMERS
AND BE PART OF THE CHANGE TOWARDS A CLEANER,
HEALTHIER PLANET.**

AggiePol™ Life Cycle



Teysha Technologies offers a range of innovative AggiePol™ polymers, each with unique properties and promising applications. Whether you need a water-repellent coating, a biodegradable additive, or a flexible elastomer, AggiePol™ has a solution for you.

EXPLORE THE POSSIBILITIES

AggiePol-8 – This is a hydrophobic, brittle material with a high glass transition temperature. It shows excellent water-repellent properties and could be used as a hydrophobic coating for various packaging materials including cardboard, wood, and fabric, replacing materials such as polyethylene. Available as a powder or solution.

AggiePol-12 is different from AggiePol-8, being rubber-like, pliable and elastomeric in nature. It is suited for applications in gums, films and adhesives where flexibility and strength are needed. Available as a concentrated solution.

OUR POLYMERS ARE DIVERSE IN PROPERTIES AND THEREFORE DIVERSE IN THEIR UTILITY. TEYSHA WELCOMES ENQUIRIES FOR SAMPLING OF OUR PRODUCTS FOR TESTING IN CUSTOMER APPLICATIONS. OUR PATENTED PRODUCTS ARE BRAND NEW TO THE MARKET AND THEREFORE THE FULL RANGE OF APPLICATIONS IN PACKAGING HAS YET TO BE DISCOVERED.



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