AMITROPLAST® THERMOPLASTIC STARCH
BIO-BASED.COMPOSTABLE.SUSTAINABLE
PERFORMING.COST COMPETITIVE.

AMITROPLAST® allows you to incorporate 50 % or more of thermoplastic starch in your compound for film extrusion and injection moulding.

Starch is an amazing and very versatile material, making it an important base for modern bioplastics. In the production of bioplastics, AGRANA uses its many years of expertise in the production and processing of starch and supplements this with the knowledge of the needs of the plastics industry.

AMITROPLAST – properties and applications

With the AMITROPLAST® product family, AGRANA provides user-friendly TPS for extrusion, film blowing, injection moulding and 3D printing.

AMITROPLAST® is bio-based, biodegradable and can be disposed of in a home or industrial composting environment.

Our AMITROPLAST® products allow users to incorporate significant amounts of TPS and thus, to create tailor-made polymer compounds that are processable by using standard polymer equipment and capable of adding extra value to innovative products.

The new technology of AMITROPLAST® significantly reduces the development of smoke during film blowing. AMITROPLAST® is produced from renewable and regional raw material. All ingredients of AMITROPLAST® are derived from non-genetically modified sources.
R&D AT AGRANA

The journey of implementing sustainable solutions to ensure the fulfillment of today’s and future demands is not yet over. AGRANA employs a significant number of scientists and technicians who conduct applied research and customer-oriented product development. Strengthening sustainable partnerships is our motivation, whereby confidentiality and technical support are guaranteed.

ABOUT AGRANA

AGRANA adds value to agricultural commodities to produce top quality foodstuffs and numerous industrial upstream products. AGRANA is today the leading sugar company in Central and Eastern Europe as well as being a key producer, in the Starch segment, of special products and bioethanol in Europe. In addition, AGRANA is the global leader in fruit preparations and a major producer of fruit juice concentrates in Europe.

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