AGRANA

Our expertise in BIOPOLYMERs

Starch is an amazing and very versatile material, making it an important base for modern biopolymers. In the production of biopolymers, 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.

- Carrier bags
- Hygienic gloves
- Packaging materials
- Mulch films
- Waste bags
- Non woven fibers
- Plant pots
- Bags for the food industry
- 3D film filament
- Debit cards

AMITROPLAST® & AGENACOMP® – an important ingredient in your bioplastic compound

Both products AMITROPLAST® and AGENACOMP® significantly reduce the development of smoke during film blowing.

With the AMITROPLAST® product family, AGRANA provides a user-friendly thermoplastic starch as an ingredient for compounds for extrusion, film blowing, injection molding and 3D printing. AMITROPLAST® has a biobased carbon content of 100 % and allows you to reach 40 % and more of renewable resources in your products. AMITROPLAST® significantly reduces the development of smoke during film blowing.

AGENACOMP® compounds for film extrusion are certified home-compostable contain up to more than 50 % renewable materials. AGENACOMP® allows to extrude films of less than 15 µm by standard film extrusion equipment.

FOUNDATION
- 1988

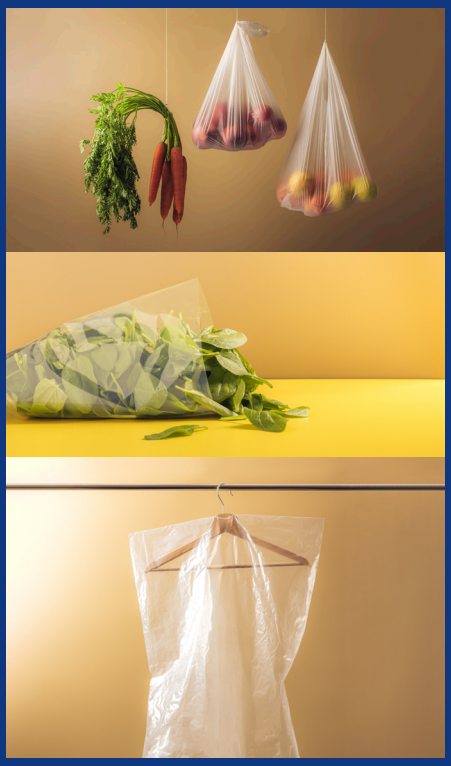
TURNOVER
- 2.6bn EUR

EMPLOYEES
- More than 9.500

BRANCHES
- STARCH – FRUIT – SUGAR
  More than 1000 products from starch, sugar and fruit

KEY MATERIALS
- STARCH Bio-based raw materials:
  Maize, wheat, potato

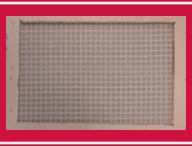
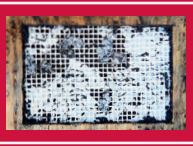
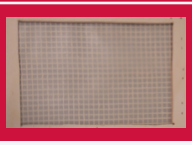
KEY PRODUCTS
- FOR THE PLASTIC INDUSTRY:
  Thermoplastic starch AMITROPLAST®
  and home-compostable compounds
  AGENACOMP®



OUR STARCH	OUR AMITROPLAST®	OUR AGENACOMP®	YOUR FINAL PRODUCT
• Renewable raw material • Non-genetically modified	• Our specialized thermoplastic starch • 100 % bio-degradable and home-compostable	• Combination of AMITROPLAST® with other bio-polymers • 100 % bio-degradable and home-compostable	• Tailormade products with customized properties

BIO-DEGRADATION & COMPOSTING

The biodegradation of AMITROPLAST® and AGENACOMP® is certified according to EN 13432.

BIO-DEGRADATION AT HOME-COMPOST CONDITIONS (28 °C AND LESS) FOR AGRANA'S BIOPOLYMER:			
	start	after 2 weeks	after 4 weeks
15 µm film AGENACOMP® (50 % AMITROPLAST® and 50 % PBAT)			
150 µm film AGENACOMP®			

CERTIFICATIONS

AMITROPLAST® and AGENACOMP® are certified according to EN 13432.

HOME OK compost TÜV AUSTRIA HOME S0654 | OK compost TÜV AUSTRIA INDUSTRIAL S0654 | OK biobased TÜV AUSTRIA ★★ S0654

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 a key producer of special starch products and bioethanol in Europe, as well as being the leading sugar company in Central and Eastern Europe. In addition, AGRANA is the global leader in fruit preparations and a major producer of fruit juice concentrates in Europe.

AGRANA.
THE NATURAL UPGRADE.

CONTACT

AGRANA Stärke GmbH
Friedrich-Wilhelm-Raiffeisen-Platz 1
1020 Vienna
Austria
www.agrana.com

CONTACT PERSON

Ralph Kettner-Schelp
Sales Manager Biopolymers
bioplastics.starch@agrana.com