

ALBIS GROUP

KNOW-HOW IN COMPOUNDING

ALTECH[®]

For Ideas
with Future!



PERSPECTIVES ON PLASTICS

ALTECH®.

No Wonder

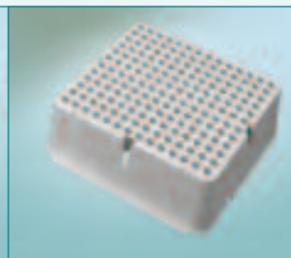
ALTECH® is the customised product line in the ALBIS polymer programme, improving the properties of technical thermoplastics according to the customer's requirements.

ALTECH® consistently implements the expertise of one of the leading compounders in Europe in the field of technical thermoplastic resins. As an internationally recognised company, we are not only entirely familiar with exceptionally high standards, we also satisfy them. Innovative solutions are the proof. Solutions pointing the way far into the future.



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Dedicated to progress.

In order to make our customers more competitive through customised products, we have established the ALBIS Polymer-Tuning-Center.

In the growing market for technical thermoplastics, we satisfy the increasing demand for diversity and flexibility. The key for this is an especially broad spectrum of standard thermoplastics.

On this basis, we will provide customers with customised compound solutions with special physical, thermal, mechanical and colour features in the shortest time possible. ALTECH® is produced in any desired colour and quantity, so that your products will be distinguished by unique performance attributes giving an individual appearance.

Your imagination has no limits. That's why we offer you a variety of compounds that meet your specifications exactly. The key to success, for you, is thorough application-specific consulting on site.

Whatever requirements you challenge us with, we can satisfy them with ALTECH® – immediately, reliably and economically.



An eye on the future with innovative and customised solutions.



Optimised thermoplastics – highly efficient and economical.

ALTECH® offers a full range of technical thermoplastics, allowing us to satisfy even high-level, individual customer demands.

ALTECH® is based on standard thermoplastics.

Whether through affordable and simple processing, flexible design, light weight, improved durability or reliability: plastics make life easier – and more colourful. We take this development into account and simultaneously offer a property-optimised cost/performance ratio solution.

Customer solutions are standard practice for ALTECH®.

ALTECH® offers you polymer variants in every desired quality, including unusual properties, in every colour and any desired quantity. To that purpose, we make use of our broad spectrum of standard thermoplastics and can offer short lead times.

We combine the components from a variety of predetermined formulas to make the customised compounds you desire. The fillers, additives and colours necessary for this are constantly available in our Polymer-Tuning-Center.



Polymers		Fillers	Additives
PA6	PC	Glass fibres	Impact resistance modifiers
PA66	POM	Glass beads	UV stabilizer
	PBT	Minerals	Antistatic agents
PP	PES/PSU	Chalk	Flame retardants
	ASA	Talc	Chemical coupling agents
	SAN	a. o.	Emulsifiers
	ABS		Lubricants
	PS		Optical brighteners
	a. o.		a. o.

Detailed information on specific product properties can be found in the accompanying ALTECH® guide chart.



Concepts for the future.

We optimise the properties of conventional thermoplastics through the compounding in of additives.

We measure ourselves on your specific needs. The exceptional properties of ALTECH® satisfy special requirements such as for fluidity, heat stability or deformability, for example, in the automotive, construction, electric and electronics industries and household devices.

The additives and fillers thereby help to achieve the desired product properties, while at the same opening up new possibilities for the use of technical thermoplastics.

Using the ALTECH® nomenclature, we explain the composition of the compound solution defined for you and give your product a name.

Fillers

10	Universal
20	Glass fibre
23	Glass fibre and glass beads
24	Glass fibre and mineral
28	Glass fibre and chalk
30	Glass beads
32	Glass beads and glass fibre
34	Glass beads and mineral
40	Mineral
42	Mineral and glass fibre
43	Mineral and glass beads
44	Chalk and talc
48	Chalk
49	Talc

Colours

NC	natural (no colour)
CC	crystal clear
WT	white
GY	grey
BK	black
BG	beige
YL	yellow
OR	orange
RD	red
VT	violet
BL	blue
GN	green
BN	brown

ALTECH PA6 A 2030/109 NC0001-00

Brand

Polymer

Formulation (internal)

Contents in %

Additives

Colour code (internal)

- 1 = IM Impact resistance modifiers
- 2 = UV UV stabilizer
- 3 = AS Antistatic agents
- 4 = FR Flame retardants
- 5 = CP Chemical coupling agents
- DS Emulsifiers
- LB Lubricants
- OB Optical brighteners



UV stable

Impact resistant

Flameproof

Setting the tone for the future.

Discover the world of colour with ALTECH[®].

We make every desired colour variation possible for you with ALTECH[®] compounds. We guarantee you durable, exact colour matching without time limits. This is because ALBIS builds on more than 40 years of experience in the colouring of technical thermoplastics.

Our top priority is consistently high product quality. Our long term, consistent quality supplies make a reliable contribution.



Profit from the high art of the compounder – when more than colour is involved.

ALBIS offers a comprehensive colour range for all conventional polymers and technical thermoplastic resins.

The requirements and the colour possibilities increase constantly. The implementation of individual design wishes and special requirements have virtually no limits with ALTECH[®].

However, it is not only the correct colouring but also factors such as temperature resistance, lightfastness, opacity, metamerism or regulations and legal provisions that influence colour compound development. ALBIS is very familiar with all of these requirements and knows what's important. ALBIS customers profit directly from this know-how and can thereby quickly adjust to changing trends.

In addition, our Polymer-Tuning-Center implements exclusive individual requirements, which would not be possible without the great skill of the compounder and many years of experience with high-tech plastics.



Always an idea ahead.

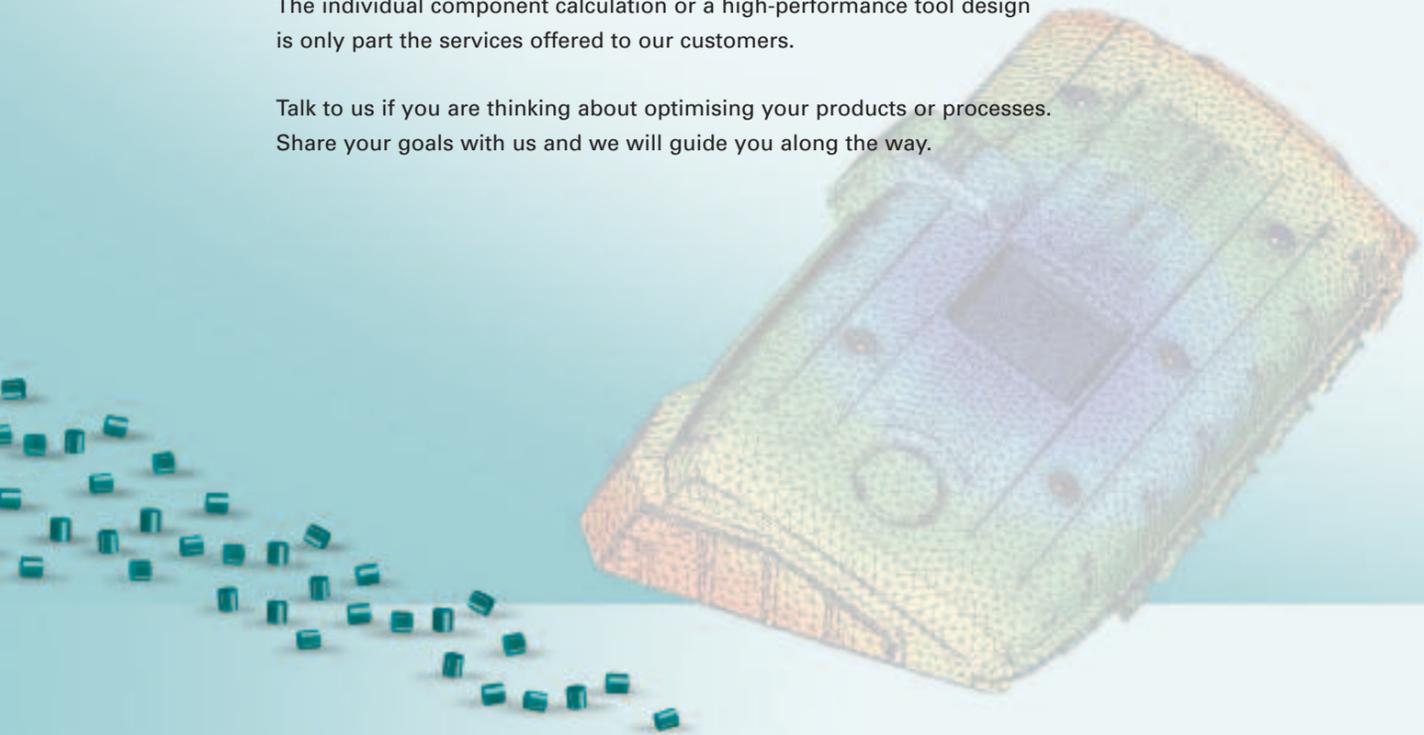
ALTECH® is more than plastic. In talking with you, we create new products, new ways and new goals.

ALBIS knows the market and knows what's really important. This is why ALBIS has set up the Polymer-Tuning-Center. Here is the special development expertise of one of the leading compounders in Europe centralised with standards in compound development. The results of this work are primarily found in our ALTECH® brand.

Another focus is the continuous development by our employees of the Polymer-Tuning-Center, so that we can always offer our customers a future-oriented solution.

Our application technology supports you directly on location, if you have any questions about the use and processing of our products. Through intensive cooperation, we develop optimal solutions and master new challenges. The individual component calculation or a high-performance tool design is only part the services offered to our customers.

Talk to us if you are thinking about optimising your products or processes. Share your goals with us and we will guide you along the way.



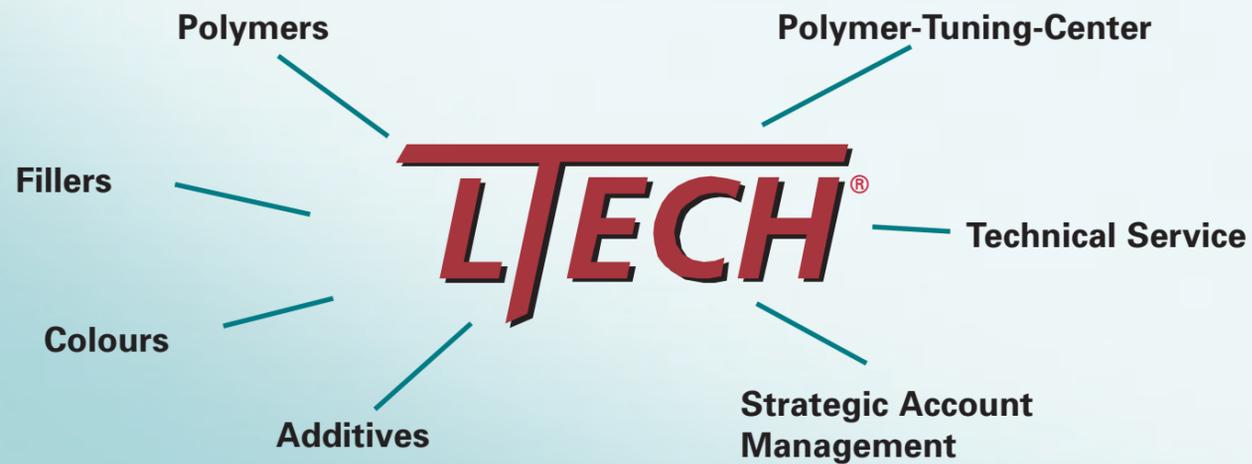


ALTECH® FROM ALBIS

All the best for tomorrow.

Technical thermoplastics mean ALTECH®. And if you are faced with entirely new challenges, ALBIS is the right partner for you.

Regardless of your goals, requirements, wishes and ideas, talk to us. 40 years of experience provide us with all the possibilities for ensuring your economic success – now and in the future.



Certification



Our customers' satisfaction with our products and services is supported by the performance and effectiveness of our quality management system established in all our European branches according to ISO/TS 16949:2002. The constant improvement in the effectiveness of the quality management system was certified for the first time in September 2005 by the Deutsche Gesellschaft zur Zertifizierung von Managementsystemen mbH (DQS). After a successful reappraisal, the certificate is valid until 2011.

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