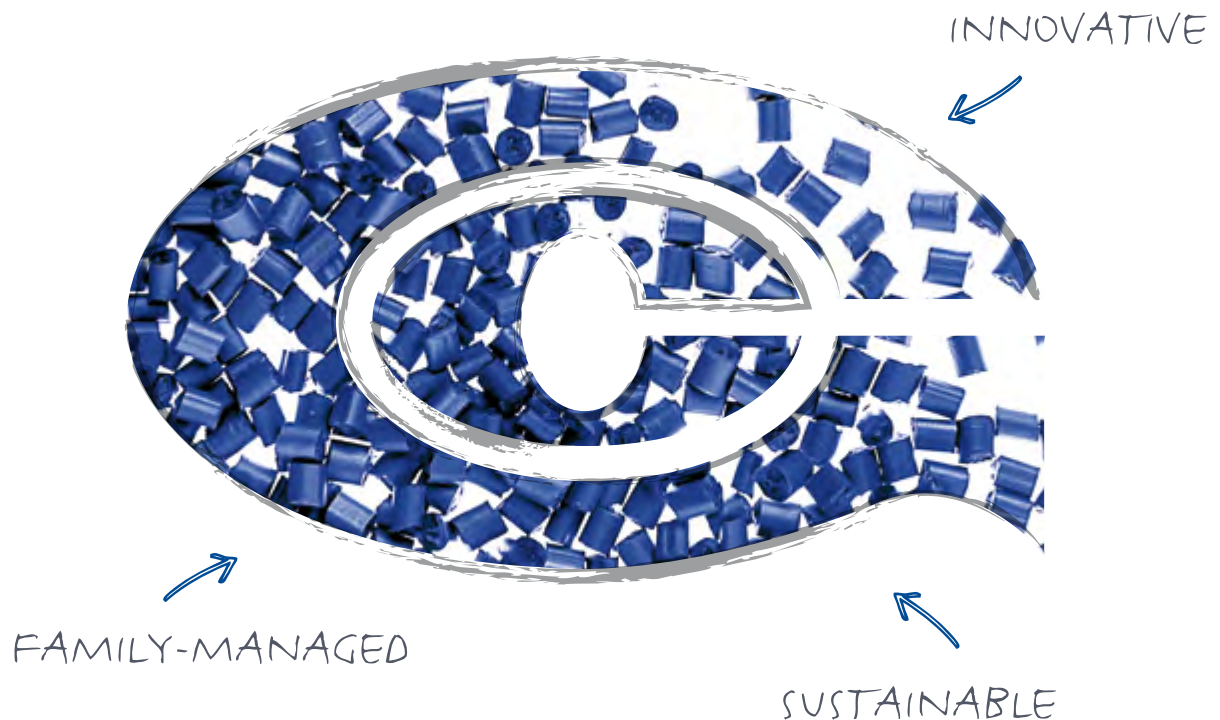


BRINGING LIFE  TO PLASTICS

MASTERBATCH for a lifetime





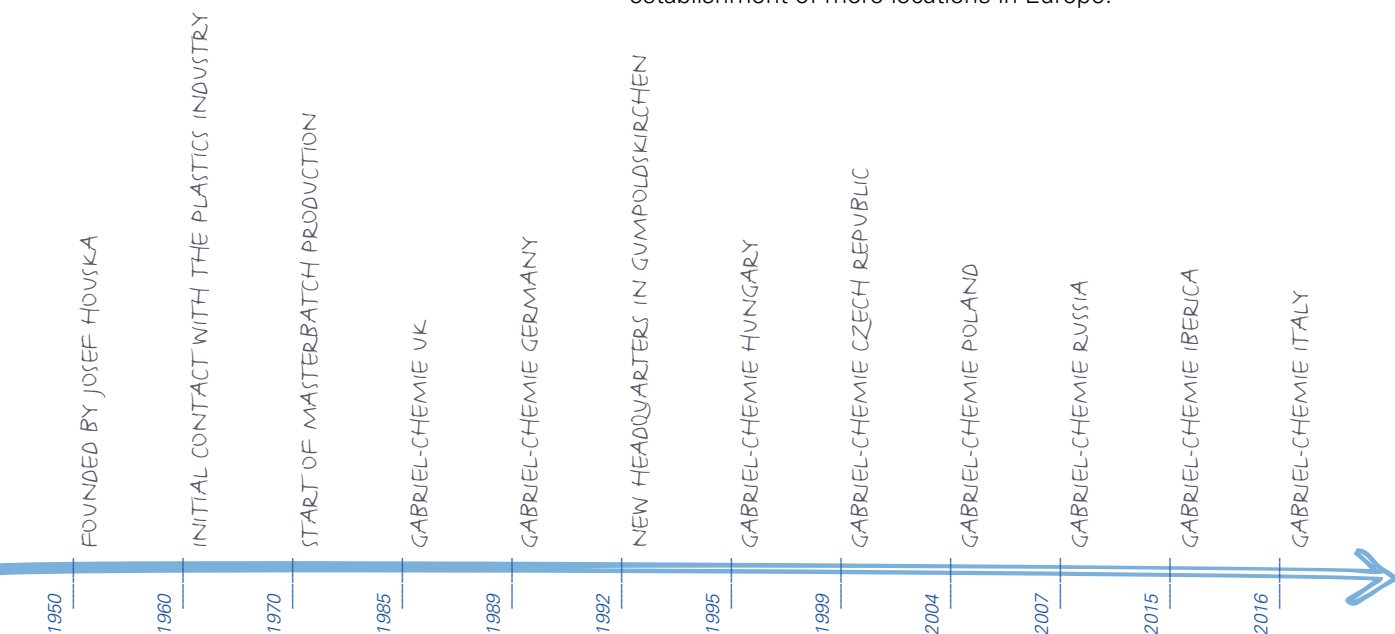
HOW IT ALL
BEGAN ...



A COMPANY MAKES HISTORY

In 1950, 25-year-old Josef Houska founded a trading company under the name of "Oswald Gabriel, Pächter Urban und Houska" for exporting glass products. Six years later, colour entered the picture for the first time.

Starting in 1956, his business model consisted of importing and trading colourants for the textile, leather and paper industries. Finally, in the late 1960s, Josef Houska gathered a team of technicians and chemists around him. He procured a plot of land in Vienna Siebenhirten as well as the first large-scale production machine. Thus the starting signal was given for the production of pigment chips and masterbatches. In untold numbers of experiments and test series with this machine, the company had the opportunity of building up its own in-house development department. A core team of highly qualified technicians and chemists, some of whom are still employed by the company today, acquired the knowledge needed – almost as autodidacts – and were able to implement the knowledge. In 1985, sales from in-house production exceeded the sum of 100 million Austrian schillings, and the company was able to expand to the United Kingdom and a little later to Germany. This was followed by the relocation of the headquarters to Gumpoldskirchen in Lower Austria and the establishment of more locations in Europe.





EXTRAORDINARY
PROPERTIES



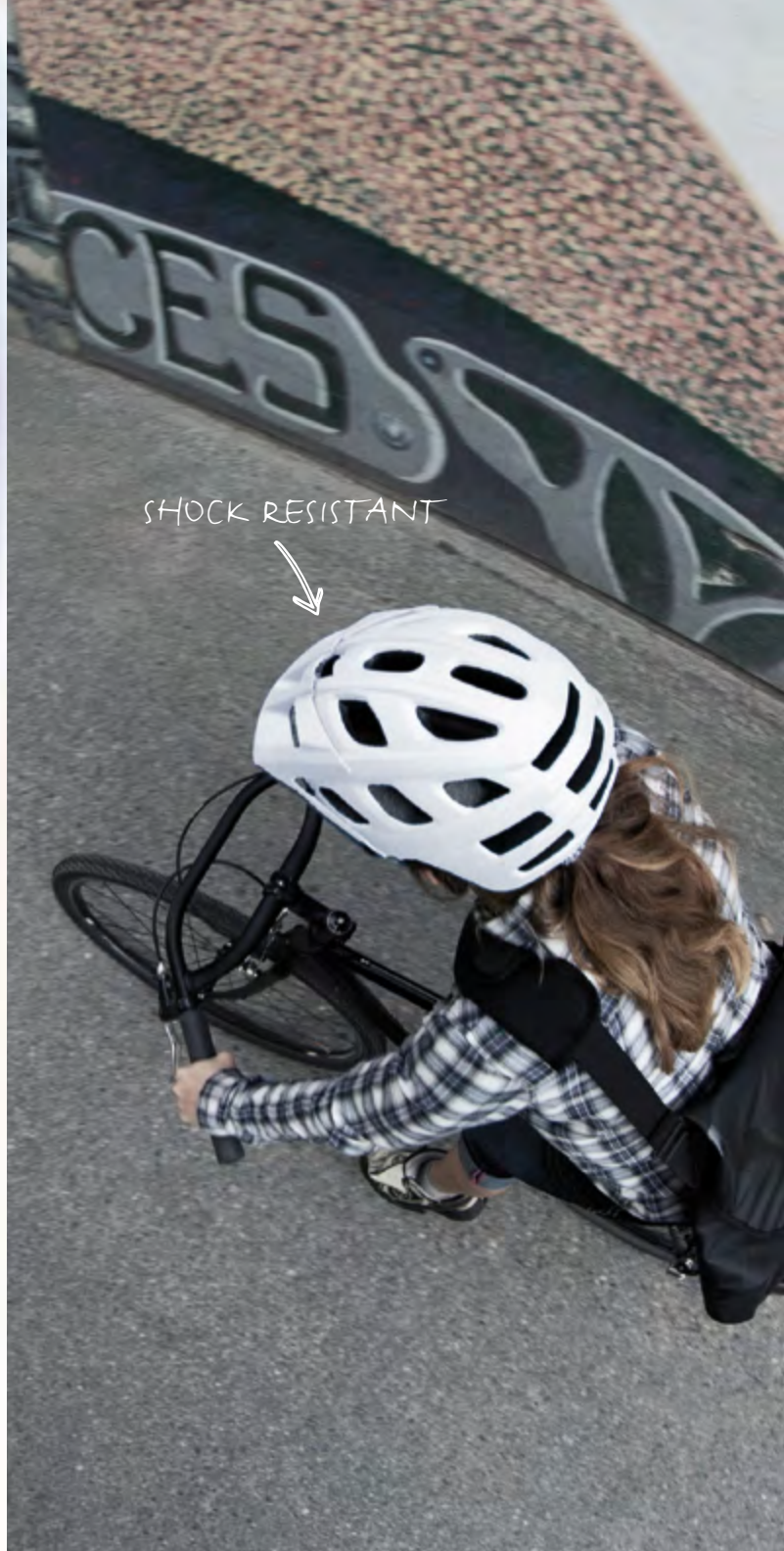
COLOUR BY REQUEST



„BIG ENOUGH TO
SMALL ENOUGH



FOR DEMANDING APPLICATIONS



SHOCK RESISTANT

MATTER TO CARE"

HIGHEST LEVEL OF CUSTOMER ORIENTATION AND FLEXIBILITY

is made possible by our size and independence as a privately-owned Group. We stand for the constant cultivation and extension of our existing and future business relationships.

Our aim is to design all activities in such a way that they lead to a distinctive technical and economic edge for our business partners over their competitors on the global market.



AMERICA



EUROPEAN QUALITY, GLOBAL REACH

GABRIEL-CHEMIE – now in its 2nd generation continues to be — an owner-managed, family-owned company. Through the commitment of our management and our approx. 620 employees, we generate annual sales of approx. EUR 105 million (status: 2018). Our network, which includes subsidiaries in Germany, the United Kingdom, Hungary, the Czech Republic, Poland, Spain, Italy and Russia, expands our area of operation far beyond the borders of Europe. We stand for clear-cut customer orientation and a continuous in-house optimisation process. This includes the further development of products, product innovations and processes that aim at improving quality and boosting efficiency so as to ensure the sustainable growth of our company.

Our structure and our global network allow us to operate in all the markets of the world. Our clients are on the American continent and in Africa, the Middle East and the Asia-Pacific region. We provide full support to our customers the world over with European quality and international expertise.



EUROPE

ASiA

AFRiCA

OCEANiA

ENGLAND
GERMANY
AUSTRIA
SPAIN

POLAND
CZECH REPUBLIC
HUNGARY

RUSSIA

ITALY

headquarters

locations

representatives

A current overview of all our representatives worldwide can be found at: www.gabriel-chemie.com



MANAGEMENT TH

“State-of-the-art technology & production as well as the technical expertise of our employees guarantee the premium quality our products are renowned for.”

HELMUT KÖNIG, Chief Technical Officer

“As the the CEO in the second generation of a family-owned company, healthy growth and constant expansion – balanced with the entrepreneurial risks – are my credo for strengthening Gabriel-Chemie so it can meet the requirements of the future and those of coming generations.”

ELISABETH SOMMER, Chief Executive Officer

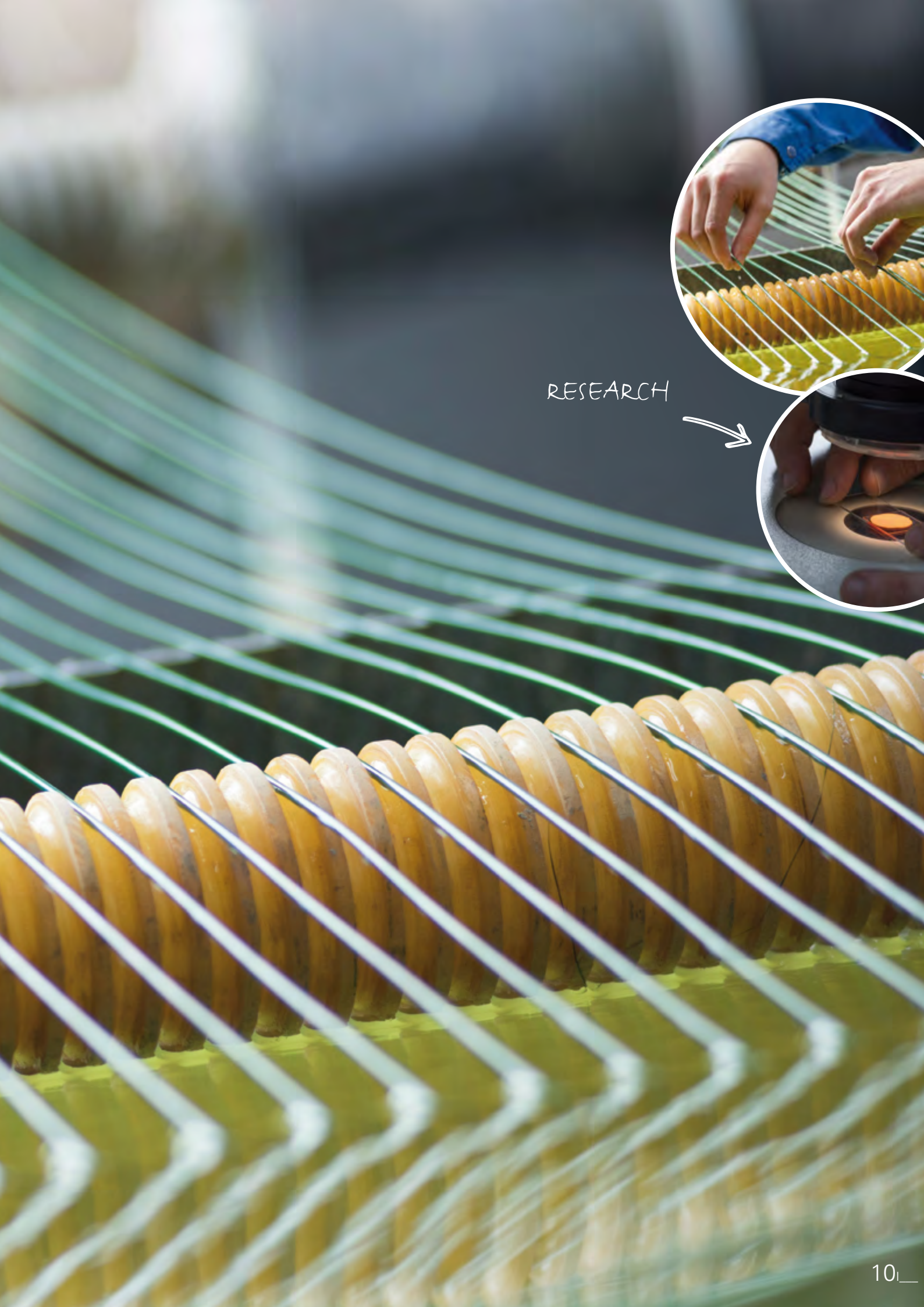


“As a healthy, globally expanding company with a high equity ratio and stable ownership structure, we are highly appreciated as a partner by our stakeholders. My role also includes responsibility for HR, so maintaining a motivated workforce is my key focus.”

ANDREAS BERGER, Chief Financial Officer

“I place great value on dealing with customers, suppliers and employees in a transparent and constructive way. The result is a solid foundation for long-lasting relations as partners with one another.”

ERICH GUTTMANN, Chief Commercial Officer



RESEARCH





QUALITY
CONTROL



THE SECRET OF OUR SUCCESS

**THANKS TO MANY YEARS
OF INDUSTRY EXPERIENCE
IN PLASTICS PROCESSING AND
BY CONTINUOUS TRAINING
AND EMPLOYEE DEVELOPMENT
PROGRAMMES, WE HAVE AT
OUR DISPOSAL THE HIGHEST
DEGREE OF TECHNICAL
EXPERTISE.**

First and foremost our products have to fulfil the requirements of our customers, but in addition, we also need to meet the most demanding national and international quality standards and regulations. Tackling such constantly changing challenges successfully requires a strong focus on quality which is cultivated and carried forward by all our employees across the entire Group.

This further development results in ongoing process and procedural optimisations, which are implemented and confirmed as part of our EN ISO-9001 and EN ISO-14001 certifications.

- _ EN ISO 9001: Austria, Germany, United Kingdom, Hungary, Czech Republic, Italy
- _ EN ISO 14001: Austria, Germany, United Kingdom, Czech Republic
- _ Further highlights of our main location in Austria are the EN ISO 22000 certificate for food safety and the EN ISO 13485 certificate for medical products.

In this way our high level of quality in the area of the development and production of colour and additive masterbatches for plastics processing is confirmed.



PRECISION



DEVELOPMENT



LABORATORY EXTRUDER



360° TECHNICAL EXPERTISE

IN OUR GROUP, RESEARCH & DEVELOPMENT IS A CERTIFIED PROCESS WHICH NOT ONLY EXTENDS TO OUR DIFFERENT LOCATIONS. WE INVOLVE INTERNATIONAL CUSTOMERS AS WELL AS SUPPLIERS AND CLOSELY COOPERATE WITH RENOWNED RESEARCH INSTITUTES IN TERMS OF VARIOUS DEVELOPMENT PROCESSES.

OUR TECHNICAL DEPARTMENTS

- _ Research & Development
- _ Colour Center & Services
- _ Additive Center & Services
- _ Product Stewardship
- _ Technical Services & Applications

Decisive for our success is the further development of our core competencies, the chemical formulation of our recipes and the production of masterbatches. Our formulas are improved on an ongoing basis in our own laboratories in compliance with high quality standards.

Around 100 technicians optimise existing products or develop new recipes and formulations in careful and diligent consultation with our customers.

For us, progress means test procedures and laboratory equipment that represents the latest state of the art. We have a multifaceted infrastructure of testing and inspection devices, including materials testing instruments for accelerated artificial weathering.

FOR VISUALISATION OF THE END PRODUCT, WE HAVE AT HAND AN EXTENSIVE MACHINE SUITE READY FOR USE:

- _ blown film systems
- _ flat film systems (mono and coex)
- _ injection moulding machines
- _ PET stretch blow moulding machines
- _ preform tools
- _ extrusion blow moulding machine for bottles (mono & coex)
- _ coffee capsule tools (mono & coex)
- _ fibre production system for PP fibres
- _ Nd:YAG laser units





INTERNATIONAL

VERSATILE

OUR EMPLOYEES ...

...are the heart and brain of the Gabriel-Chemie Group. Based on many years of industry experience in plastics processing and via continuous training and advanced employee development, they have the highest degree of technical expertise at their disposal.

Regular and personal exchanges of experience at an international level with colleagues at different locations of the Group ensures ongoing and accelerated knowledge building. Numerous interfaces between the commercial and technical departments facilitate an ideal transfer of knowledge – all to the advantage of our customers. A large number of employees can look back on many years of experience at Gabriel-Chemie, and they constitute an integral part of our success.



ANTIMICROBIAL

ANTISTATIC

UV-STABILIZER

NUCLEATING-AGENT

ANTIOXIDANT

ANTIBLOCK-AGENT

FLAME RETARDANT

ANTIFOG

FOAMING AGENT

IR ABSORBER

LASER MARKING

POLYMER





PRODUCT DIVERSITY

TACKIFIER
ANTI-SLIP/-SPLIT

CELL REGULATOR

IMPACT MODIFIER

DRYING AGENT

CLARIFIER

PROCESSING AID

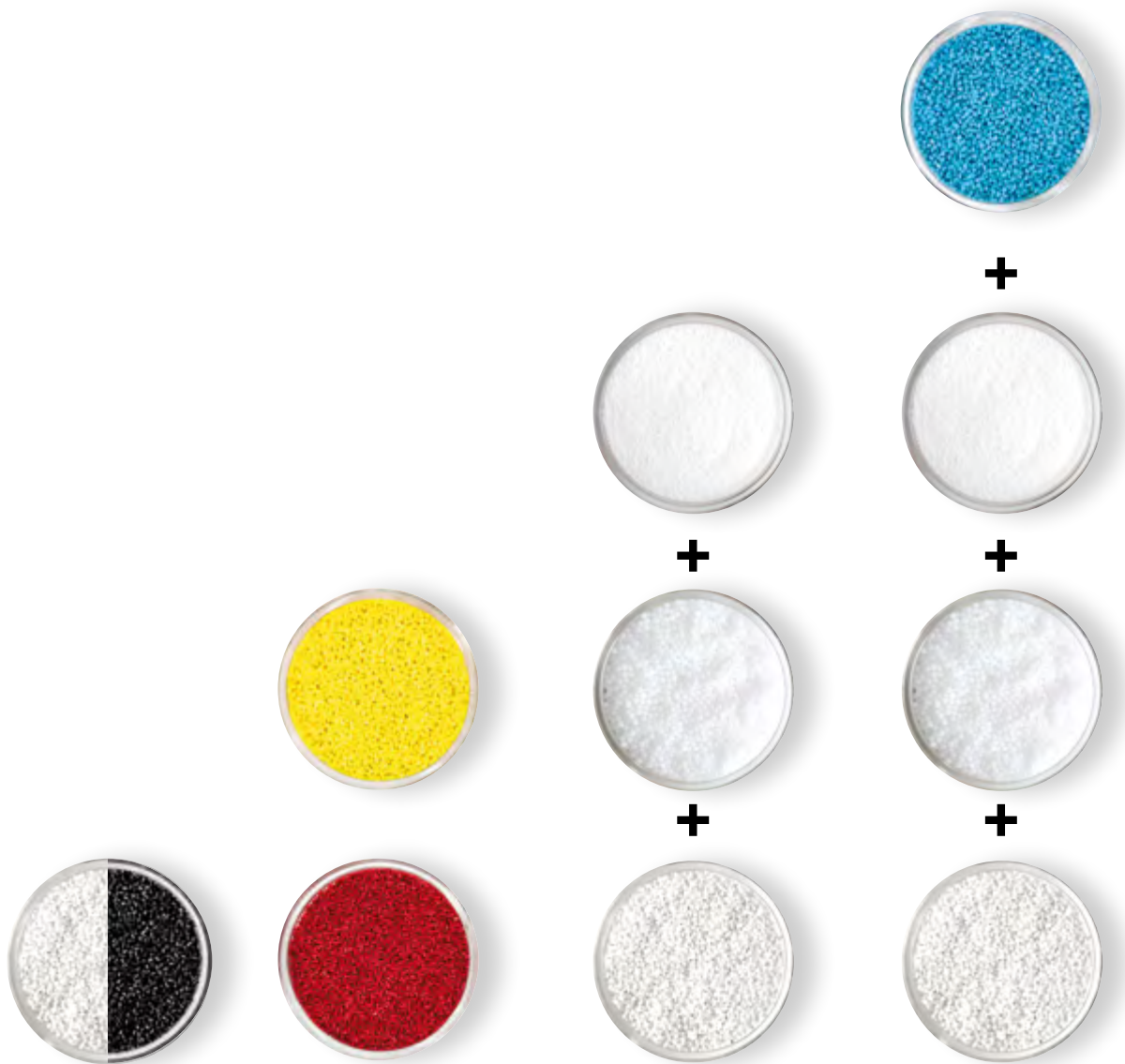
CLEANING AGENT

FILLER

OUR RANGE OF PRODUCTS

We are specialists in the colouring and refining of thermoplastics. We offer colour masterbatches, additive masterbatches and combination masterbatches for plastics with our protected trademarks of MAXITHEN® and UNIMAX®.





WHITE/BLACK MASTERBATCH

We offer an extensive range of white and black masterbatches for a whole spectrum of applications. Such applications range from pipes, cables, packaging films to the injection moulding of electronic parts, where a high level of gloss properties and excellent dispersion are required. In addition to the standard programme of white and black, we can satisfy customer-specific requirements – for instance, applications with special carrier polymers or the integration of other additives.

COLOUR MASTERBATCH

Our experience in the production of colour masterbatches is reflected in an outstanding way by our comprehensive library of colour and polymer combinations. Upon request, our colour masterbatch is adapted to conform exactly to specific customer requirements. In several application areas, we are the global market leader with our premium-quality colour masterbatch and can boast a high level of appreciation on the part of numerous international top-level brands from the food, cosmetics and lifestyle industries.

ADDITIVE MASTERBATCH

In addition to the colouration of plastics, we are specialists in the finishing of plastics with functional additives. Countless additive and polymer combinations, ranging from antiblock masterbatches to laser additives to UV stabilisers, make up our constantly growing range of products, which is continually adapted to meet the needs of the market. In the area of flame-retardant equipment for a wide variety of plastic products, our flame-retardant masterbatch is considered the benchmark.

COMBINATION MASTERBATCH

Our knowledge and experience from many years of producing colour and additive masterbatch has been put to optimal use in our combination products.

The result is a multitude of ready-made formulas featuring the following advantages in comparison with individual products:

- _ easier dosing
- _ rapid dispersion
- _ cost efficiency
- _ advantages in storage



SHRINK WRAP FILMS PET BOTTLES FRUIT TRAYS COFFEE CAPSULES YOGHURT CUPS
 MEAT TRAYS SPOTS MEAT TRAYS SPOUTS MEAT TRAYS TWIST CAPS FLIP-TOP & TWIST CAPS BOTTLE CAPS



FOOD & BEVERAGE
 PACKAGING

STOPPERS PISTONS MEDICAL CLOSURES BLOOD COLLECTOR
 TWIST-OFF CLOSURES NEEDLE HOLDERS BUTTERFLY LOCKS SAMPLE TUBE CLOSURES



MEDICAL

BICYCLE HELMETS BALLPOINT PENS 3-D PRINT FILAMENTS
 GARDEN CHAIRS PLASTIC FURNITURE TOYS STADIUM SEATS ARTIFICIAL LAWNS



HOME &
 LIFESTYLE





PLASTIC PRODUCTS FOR THE CONSTRUCTION INDUSTRY AND THE AGRICULTURAL SECTOR MUST MEET STRICT SPECIFICATIONS AND BEAR HIGH LEVELS OF STRESS. EQUIPPED WITH OUR MASTERBATCH, THESE PRODUCTS FULFIL THE DEMANDS PLACED UPON THEM. WITH OUR EXTENSIVE PRODUCT PORTFOLIO, WE PROVIDE THE PERFECT SOLUTION FOR ANY AND EVERY APPLICATION. AS A SUPPLEMENT TO THE BROAD RANGE OF STANDARD PRODUCTS IN OUR PORTFOLIO, WE ALSO OFFER TAILOR-MADE PRODUCTS. TOGETHER WITH OUR CUSTOMERS, WE ATTUNE THEM TO THEIR SPECIAL NEEDS. PREMIUM-QUALITY ACTIVE INGREDIENTS AND SMART FORMULAS ARE THUS ADAPTED TO THE INDIVIDUAL REQUIREMENTS OF THE CUSTOMER

BUILDING & AGRICULTURE

Agricultural films

Premium-quality films lead to higher agricultural yields. Alongside numerous innovative standard solutions, we develop individual formulas which meet the special needs of customers. Our range of products includes products for silage, mulch and greenhouse films. Additives for special functions – for instance, anti-fog and infra-red barriers, etc. can be combined with a broad range of colours. For agricultural films, the protection from natural UV radiation, which occurs universally in different ranges of intensity, is the main priority.

XPS insulation

We offer a programme of functional additives that is perfectly adapted for the production of extruded polystyrene as flame-retardant agents, lubricants, nucleating agents, processing agents, cell stabilisers as well as colour masterbatches and combination masterbatches.

Pipes

Our masterbatch conforms to the international standards of the pipe industry. Whether they are electrical installation pipes, fluid-carrying piping or pipes for communication solutions – all requirements relevant to applications are covered by us.

Geotextiles, construction films, nets and cables round off the business area of the construction industry and the agricultural sector.



FOR HEAVY-DUTY USE

PACKAGING FOR INDUSTRIAL & CONSUMER GOODS

A HIGH LEVEL OF PROTECTION FOR PACKAGED GOODS, FUNCTIONALITY, WEAR RESISTANCE AND LONGEVITY MAKE UP THE MOST FREQUENTLY REQUESTED PROPERTIES FOR RELIABLE PACKAGING. OTHER IMPORTANT FACTORS ARE PROCESS OPTIMISATION, SUITABILITY FOR EXTERNAL STORAGE OVER LONGER PERIODS OF TIME, PRINTABILITY, ANTI-STATIC PROPERTIES AND WELDABILITY. WE OFFER A LARGE SELECTION OF ADDITIVE AND COLOUR MASTERBATCHES WHICH MEET ALL THE DIFFERENT EXPECTATIONS AND REQUIREMENTS.

Our expertise gained over many years makes it possible for us to realise even sophisticated and demanding packaging ideas. This is made possible by additive packages customised to customers' needs as well as attractive colour recipes.

Regardless of whether it is injection moulding, blow moulding or deep drawing – our masterbatch provides you with the ideal balance between covering power, weathering resistance, dispersibility and process optimisation. Individual additive components as well as combinations are available.

We offer the matching additive masterbatch, which is also available as a combination with colour or with several agents, for all kinds of films and production processes.

APPETISING



FOOD PACKAGING

FOOD PACKAGING MAKES THE STRICTEST DEMANDS UPON THE PACKAGING INDUSTRY. PACKAGING THAT COMES INTO CONTACT WITH FOOD MUST CONFORM WITH ALL THE NATIONAL AND INTERNATIONAL STANDARDS AND LAWS; IT MUST BE FUNCTIONAL AND SUSTAINABLE AS WELL AS ENTICING THE END CONSUMER TO BUY THE PRODUCT. WE MEET THESE DEMANDS WITH OUR BROAD RANGE OF COLOUR AND ADDITIVE PRODUCTS.

Alongside numerous existing standard products for different areas of application, we are happy to develop – in conjunction with our customers – specially designed products to meet your needs. We offer food-safe additive and colour masterbatches for all polymers that are commonly used in the packaging industry. The use of premium-quality raw materials for these packaging solutions is a matter of course for us. Long-standing experience and constant advanced training form the basis of our expertise.

Caps & closures

Owing to our long-standing collaboration and successful product developments with global leaders in manufacturing, we are among the market leaders in this area. Our products meet the required standards and regulatory status for the economic regions in which the end product is marketed and sold. We also take into account the requirements of our customers in terms of organoleptic properties and dimensional stability.

Bottles & containers

Our perfectly formulated additive and colour masterbatch for polyolefins and PET offers the highest level of functionality and makes for an attractive visual appearance. Different sizes of the granulates, right up to microgranulates, make extremely small doses possible while concurrently distributing them homogeneously.

EYE-CATCHING



PACKAGING FOR ALL THE SENSES: IN THE AREA OF COSMETICS, NOT ONLY VISUAL PROPERTIES COUNT. MORE AND MORE, HAPTIC AND FUNCTIONAL CHARACTERISTICS ALSO PLAY A ROLE. EXPERIENCING PRODUCTS WITH ALL YOUR SENSES IS PARTICULARLY IMPORTANT FOR COSMETICS PACKAGING. A CREATIVE CHOICE OF MATERIALS, INTERESTING SURFACE DESIGNS AND INTELLIGENT ADDITIVES INFLUENCE THE SUCCESS OF THE MARKET LAUNCH OF A COSMETIC PRODUCT AS WELL AS ITS ACCEPTANCE BY CONSUMERS

COSMETICS PACKAGING

Whether in a perfume specialist's, a retail chain store or at the local chemist's, consumers can be overwhelmed by the selection of cosmetic articles. That's why, on the shelf, differentiating a product from the competition with outstanding and eye-catching packaging is so important. Let us assist you in finding the perfect packaging solution with an exceptionally large choice of colours.

Colours

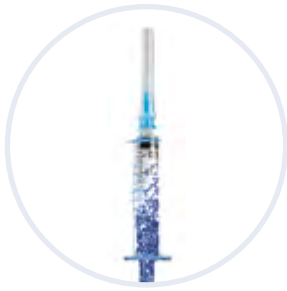
For many years, our speciality has been colours, surfaces and materials. This is driven by our research on changes in society and the trends in colours they bring. Many renowned brands and market leaders have trusted in the creativity, quality and special service of the Gabriel-Chemie Group for years. Thanks to our flexible structure and laboratories throughout Europe, we can precisely implement specific colour ideas with injection-moulded or blow-moulded prototypes within a very short time.

Tubes, bottles and dispensers

Special effects and colours emphasise the exclusivity of a tube. Working together in development, we can help you turn your personal ideas into successful products. With the exclusive use of premium raw materials and specially coordinated pigments, we can achieve precisely the colours, effects and properties you are looking for.

Individualisation with a laser

Our laser additives make it possible to permanently mark, label and decorate plastics. We provide comprehensive service, from developing a project idea through to the realisation of it. Our laboratory has two infra-red lasers with wavelengths of 1064 nm that are used for trials and tests until the best quality marking has been achieved.



MEDICAL

THE SECTOR OF MEDICAL PRODUCTS IS ONE OF THE FASTEST GROWING ECONOMIC SECTORS TODAY. THIS IS AMPLY DEMONSTRATED NOT ONLY BY THE RISING TOTAL COSTS IN THE AREA OF HEALTH CARE AND TECHNOLOGY BUT ALSO IN THE AREA OF TECHNOLOGICAL IMPROVEMENTS IN HEALTH CARE OVER THE LAST FEW DECADES..

Cutting-edge medicine without plastics – that would be an impossibility today. The outstanding properties of plastic render this basic material so very attractive and important for medical technology. In contrast to glass, metal and ceramics, plastics score big due to their easy processability, break resistance, low weight and the option to be fitted to meet very special requirements profiles. The development of throw-away products also plays a huge role in this context. Requirements for products in the medical area are extraordinarily high – in terms of durability, the ability to be sterilised, and ruggedness when in contact with chemical substances.

Certified quality

With the EN ISO 13485:2012 standard plus AC:2012 („Quality management system medical devices“), we prove that our quality management system complies with international standards and has been implemented accordingly.

CERTIFIED IN ACCORDANCE WITH ISO 13485



Needle holders

With our MAXITHEN® MED series, we offer a range of colour masterbatches for the colouring of needle holders. The colours comply with the international ISO 6009 standard that aims to enable the quick visual recognition of needle diameters for injections. The colours used for the identification of the needles are available as transparent or covering colours. The colour code correlates with normal, thin and extra-thin wall thicknesses of the needle.

IN ADDITION TO COLOURS, WE ALSO OFFER A NUMBER OF ADDITIVES FOR THE FOLLOWING AREAS OF USE:

- _ Laser marking
- _ Permanent anti-static agents
- _ X-ray tracers
- _ Lubricants
- _ Anti-microbial agents, etc.



ITEMS AROUND THE HOUSE AND GARDEN AS WELL AS ESSENTIAL GOODS SHOULD LOOK UNIQUE. BOTH THEIR APPEARANCE AND THEIR FUNCTIONALITY SHOULD BE MAINTAINED THROUGHOUT THEIR USEFUL LIFE. WITH OUR MASTERBATCH, WE ENSURE THAT THE REQUIRED MATERIAL PROPERTIES ARE ACHIEVED, AND WE OFFER YOU ADDITIVES FOR THE ASSURANCE OF PRODUCT FUNCTIONALITY AND FOR UNUSUAL COLOUR CREATIONS

HOME & LIFESTYLE

Sports & leisure

Alongside faultless functioning, design, shape and colour take centre stage. The range of applications is virtually limitless – from household appliances and electric devices to sports equipment, toys and child seats.

Stadium seats

Our all-in-one pellet product PP-SEAT was developed so as to achieve a maximum useful life of stadium seats. Colour fastness and light fastness are adjusted so that the visual and mechanical properties are stabilised across their entire useful life.

Garden furniture

Products in this area must be durable because they are subject to considerable stress from the weather and UV radiation. When developing our masterbatch, we use the latest data on global solar irradiation. Then we develop sound dosage recommendations for UV stabilisation.

Artificial lawns

We have a great variety of masterbatches on offer for artificial lawns. Colour masterbatches in combination with state-of-the-art additives increase durability, processability, cost effectiveness and environmental soundness. Grass fibres finished with our masterbatch are ideally suitable for fibrillated tapes as well as for monofilaments. They are tough, durable and suitable for many different applications.

Electrical & electronics industry

Visually attractive housings are a inimitable trademark. With our extensive colour and effect masterbatch, we support you in the realisation of your idea. The combination of anti-static additives or anti-microbial additives is especially suitable for premium products in this area.



LONG-LASTING



GABRIEL-CHEMIE Gesellschaft m. b. H.
Industriestraße 1
2352 Gumpoldskirchen
Austria
Tel. +43 2252 636 30 0
Fax +43 2252 627 25 0
info@gabriel-chemie.com

WWW.GABRIEL-CHEMIE.COM