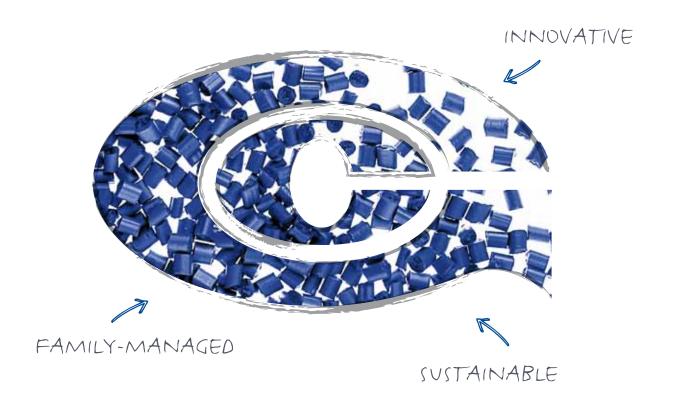
MASTERBATCHeime





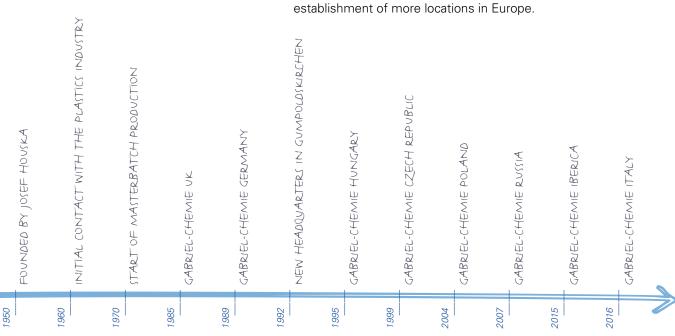




A COMPANY MAKES HISTORY

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





"BIG ENOUGH TO SMALL ENOUGH





MATTER TO CARE"

HIGHEST LEVEL OF CUSTOMER ORIENTATION AND FLEXIBILITY

is made possible by our size and independence as a privatelyowned 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.



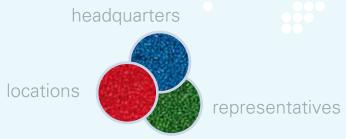


EUROPEAN QUALITY, GLOBAL REACH

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. 550 employees, we generate annual sales of approx. EUR 82 million (status: 2015). 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.







"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."

"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."







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 require 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
- _ Another highlight of our main location in Austria is 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.





360° TECHNICAL EXPERTISE

OUR TECHNICAL DEPARTMENTS

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

IN OUR GROUP, RESEARCH

CERTIFIED PROCESS WHICH

OUR DIFFERENT LOCATIONS.

WE INVOLVE INTERNATIONAL

CUSTOMERS AS WELL AS SUPPLIERS AND CLOSELY COOPERATE WITH

RENOWNED RESEARCH

INSTITUTES IN TERMS OF

VARIOUS DEVELOPMENT

PROCESSES.

& DEVELOPMENT IS A

NOT ONLY EXTENDS TO

_ 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
- _ injection moulding machines
- _ PET stretch blow moulding machines
- _ preform tools

- _ fibre production system for PP fibres
- _ Nd:YAG laser units





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.

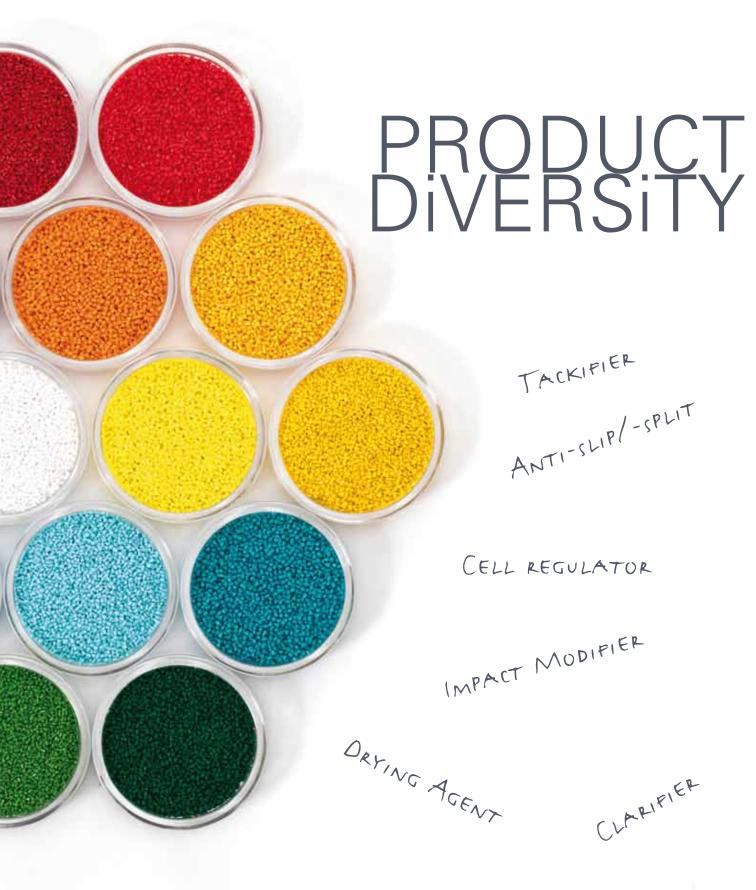




IR ABSURBER

LASER MARKING

POLYMER



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 top-level brands from 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 the food, cosmetics and lifestyle industries.

ADDITIVE MASTERBATCH

In addition to the colou-

ration 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 flameretardant equipment for a wide variety of plastic products, our flameretardant masterbatch is considered the benchmark.

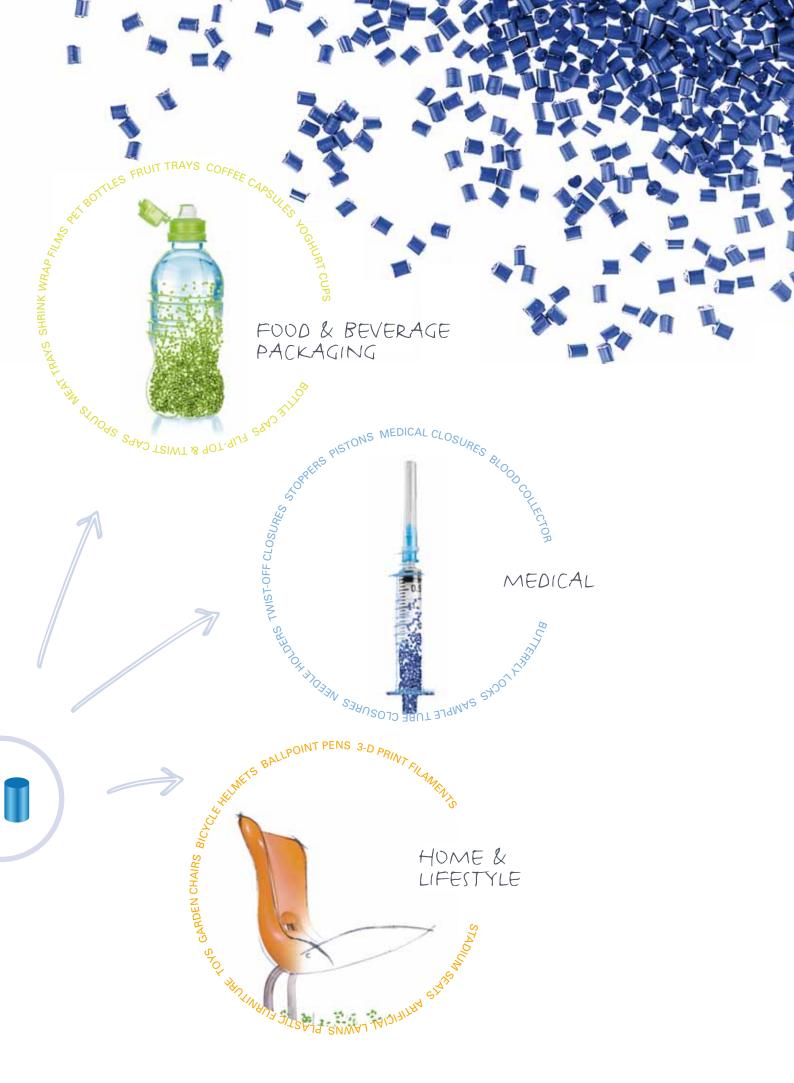
COMBINATION MASTERBATCH

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







PLASTIC PRODUCTS FOR THE CONSTRUCTION INDUSTRY AND THE AGRICULTURAL **SECTOR MUST MEET STRICT SPECI-**FICATIONS 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 RAN-GE OF STANDARD PRODUCTS IN OUR PORTFOLIO, WE ALSO OFFER TAILOR-MADE PRO-**DUCTS. TOGETHER** WITH OUR CUSTOMERS, WE ATTUNE THEM TO THEIR SPECIAL NEEDS. PREMIUM-QUA-LITY ACTIVE INGREDIENTS AND **SMART FORMULAS** ARE THUS ADAPTED TO THE INDI-VIDUAL REQUIREMENTS OF THE

CUSTOMER

Agricultural films

Premium-quality films preserve and maintain assets. 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 colour masterbatches and functional additive masterbatches that is perfectly adapted to the production of extruded polystyrene. This includes flame-retardant agents, lubricants, nucleating agents, processing agents, cell stabilisers, etc.

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.



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.



EYE-CATCHING







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

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

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.

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,

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 throwaway 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.

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**

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

HOME & LIFESTY

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 master-batches 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

Imprint

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All pictures in this folder are symbolic photographs. The end products shown have not necessarily been created by Gabriel-Chemie.

PHOTOS: Hartwig Zögl www.zoegl.at, Shutterstock, iStock, Archive **DESIGN:** EINFALLSREICH Werbeagentur KG, www.einfalls-reich.at



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A CURRENT OVERVIEW

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

