

Technical plastic solutions



Compounds, masterbatches

and services



Compounding
Custom made
materials

Masterbatch
Tailormade
batches

20
Extrusion lines

3
Plants

Grinding
Extraction of raw materials
instead of disposal costs

Regranulation
Restart the
product lifecycle

Laboratory
Material
testing and analysing

SAX® Polymers specialises in manufacturing, preparing and dyeing technical polymers. In addition to its compounds and masterbatches, the company with ISO 9001 certification and production plants in Vienna (AUT), Oberriet (CH) and Bucharest (RO) offers technical polymers solutions tailored to the needs of its customers. SAX® Polymers is part of the Hromatka Group, one of the leading distribution groups in the European market.

Compounds

according to customer requirements

PA6

SAXAMID™

PA66

SAXAMID™

PP-H

SAXALEN™

PP-C

SAXALEN™

POM

SAXAFORM™

Blends

SAX BLENDS™

Batch

SAX BATCH™

Materials
for filaments
(3D printing)

Industrial-
grades
SAXAPLAST™

A wide range of plastic compounds can be perfectly adapted to the customer's needs by directly coloring, finishing and modifying them with reinforcements. SAX® Polymers offers glass fibers, glass beads, UV protection, flame retardants, colors, effects of all kinds and much more as a one-stop-shop. With state-of-the-art twin screw extruders, any range of thermoplastic material can be processed to high-quality compounds.

	Polymer	Glass fiber	Glass beads	Mineral fillers	Carbon fiber	Heat stabilization	Hydrolysis stabilization	Impact modifiers	Flame retardants	UV	PTFE	MoS ₂	Silicone lubricant	Additives	Colors
SAXAMID	PA6, PA66	■	■	■	■	■	■	■	■	■	■	■	■		■
SAXALEN	PP-H, PP-C	■	■	■	■	■		■	■	■	■				■
SAXAFORM	POM	■	■		■			■		■	■		■		■
SAX BLENDS	all	■	■	■	■	■	■	■	■	■	■				■
SAX BATCH	all													■	■
SAXAPLAST	all	■	■	■	■	■	■	■		■	■		■		

ONE STOP SHOP

The direct way to your solution

24
hours
delivery

Logistic
concepts

Own
warehouses

TOP
availability

Development
partner

PE to PEEK

Process
optimization

Prototypes

Engineering

Small
amount
service

- Distribution Line
- Product Line
- Service Line
- Support Line

ONE
STOP
SHOP



Coloring

Our SAX-Color competence center, equipped with modern infrastructure, gives us freedom to conquer every challenge on the way to your desired color.

Direct coloring
by mono concentrates

Direct coloring
by pigments (powder)

Coloring by
SAX masterbatch

Masterbatch

Color
masterbatch

Additiv
masterbatch

Effect
masterbatch

Combination
masterbatch

SAX® batches are high-quality color concentrates for numerous polymers and processing methods. Color, additive, effect and combination masterbatches are tailored to the specific application of the customer and can be configured in every imaginable color nuance with countless effects. The masterbatches are adjusted to the desired polymer. There are currently more than 6000 existing recipes. This enormous range of variations permits maximum compliance with material and design specifications.

SAX RAL colors

Masterbatches

RAL 1016 Sulfur yellow	RAL 1018 Zinc yellow	RAL 2002 Vermilion	RAL 2004 Pure orange	RAL 3000 Flame red
RAL 3001 Signal red	RAL 3002 Carmine red	RAL 3020 Traffic red	RAL 5002 Ultramarine blue	RAL 5003 Sapphire blue
RAL 5005 Signal blue	RAL 5015 Sky blue	RAL 6005 Moss green	RAL 6018 Yellow green	RAL 6024 Traffic green
RAL 7016 Anthracite grey	RAL 7021 Black grey	RAL 7035 Light grey	RAL 7040 Window grey	RAL 7046 Telegrey 2
RAL 7047 Telegrey 4	RAL 8004 Copper brown	RAL 8028 Terra brown	RAL 9002 Grey white	RAL 9003 Signal white
RAL 9005 Jet black	RAL 9006 White aluminium	RAL 9016 Traffic white	RAL 9017 Traffic black	

The SAX® RAL assortment covers 29 conventional masterbatches for universal use. Due to their universal composition, these batches have proven themselves in PE, PP, PA, PBT, TPE and often in ABS and POM. All color types have a very high degree of light fastness [7-8] and, based on the pigments used, are resistant to temperatures of 240°C-290°C. The SAX® RAL assortment is physiologically harmless and the types comply with general legal European guidelines.

- 29 standard colors
- Low dosage
- Versatile usability
- Broad application range
- High covering power
- Swiss Made
- Fastness 7-8
- Temperature resistance 240°C – 290°C
- more colors on demand

Maybe a little bit more brillancy? No problem - your wish is our comand. We are able to create color batches on the basis of your unique sample or the classic way utilizing standardized color tables. Our batches are usually based on a PO carrier but can be adjusted and adapted to your individual polymer in use.





A strong team

as development partner

A good idea also raises a lot of questions and we're there to help you when it comes to assessing feasibility, costs and manufacturing. Which polymer meets the special requirements of a particular application, which standards have to be considered, what unnecessary cost factors exist and which processing method is the right one?

Make SAX® Polymers, a leading expert in the field of polymers, part of your product development process and benefit from the extensive experience our technicians have to offer. We know our way around the world of polymers like no one else – we're the right partner for you.



RENT THE LAB
Your "live" testing and analysis tool

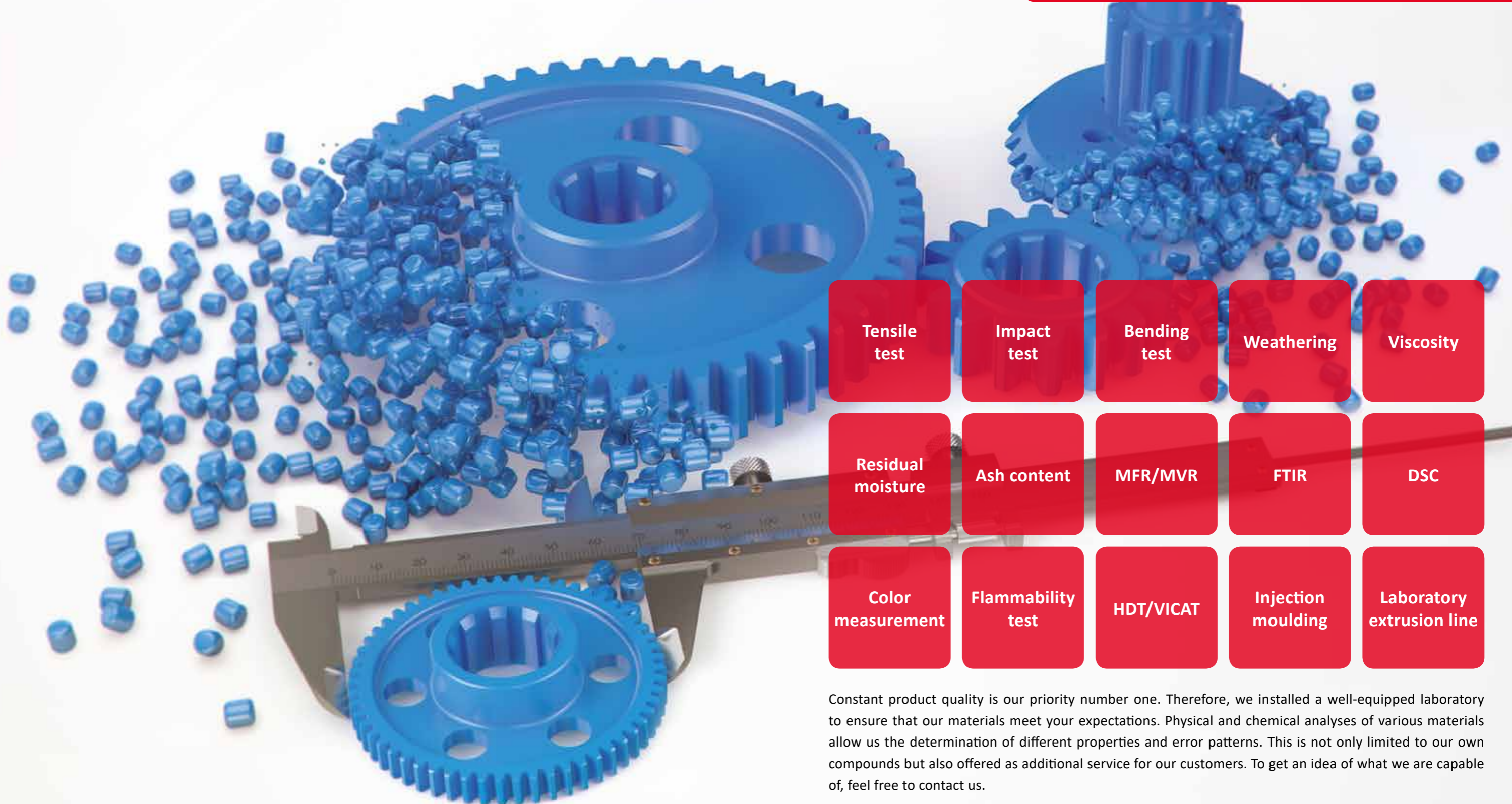
RENT THE PRODUCTION
Manufacture your own ideas



RENT THE ENGINEER
Implementation through competence

Testing laboratory

Quality assurance and material development



Tensile test

Impact test

Bending test

Weathering

Viscosity

Residual moisture

Ash content

MFR/MVR

FTIR

DSC

Color measurement

Flammability test

HDT/VICAT

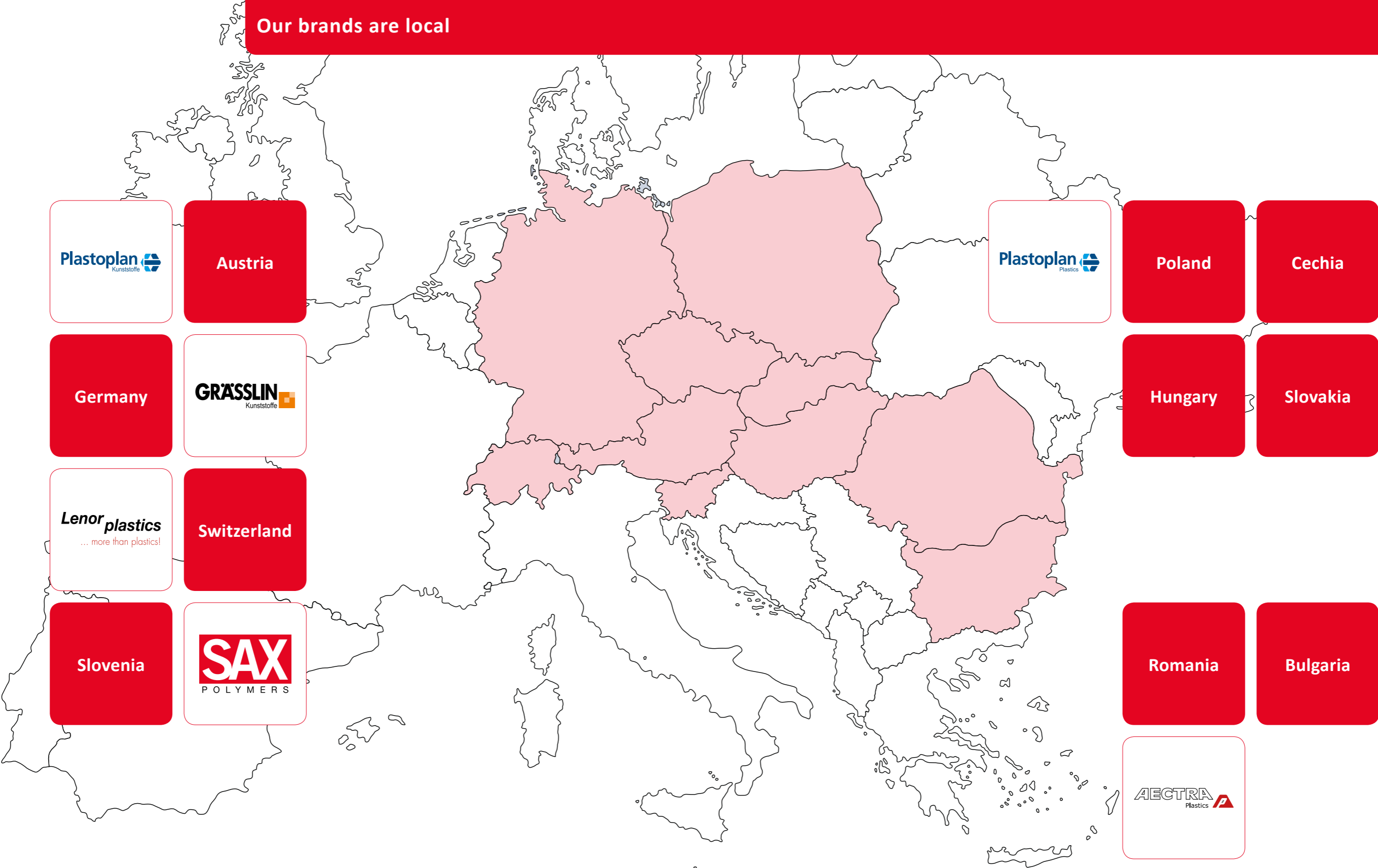
Injection moulding

Laboratory extrusion line

Constant product quality is our priority number one. Therefore, we installed a well-equipped laboratory to ensure that our materials meet your expectations. Physical and chemical analyses of various materials allow us the determination of different properties and error patterns. This is not only limited to our own compounds but also offered as additional service for our customers. To get an idea of what we are capable of, feel free to contact us.

Our scale is Europe

Our brands are local



Our mission

WE IN NUMBERS

10

Countries

55

Account managers

19

Technicians

> 5.600

Active customers

14

Warehouses

3

Laboratories

Trust

Steady growth

Competence

WE IN WORDS

Reliability

Financial solidity

Passion for plastics

The HROMATKA GROUP is one of the leading distribution groups in the European plastics market. With our local brands and strong partners, the HROMATKA GROUP has an extensive portfolio with an international orientation and great technical expertise. Highly-qualified local experts are active in ten countries and advise customers in order to provide solutions to their problems. The programme is completed by the group's own compounds, which are manufactured in three factories under the brand name SAX® Polymers.



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