



A  MITSUBISHI CHEMICAL GROUP company

Excellence in Reprocessed Granular

Polymer recycling solutions

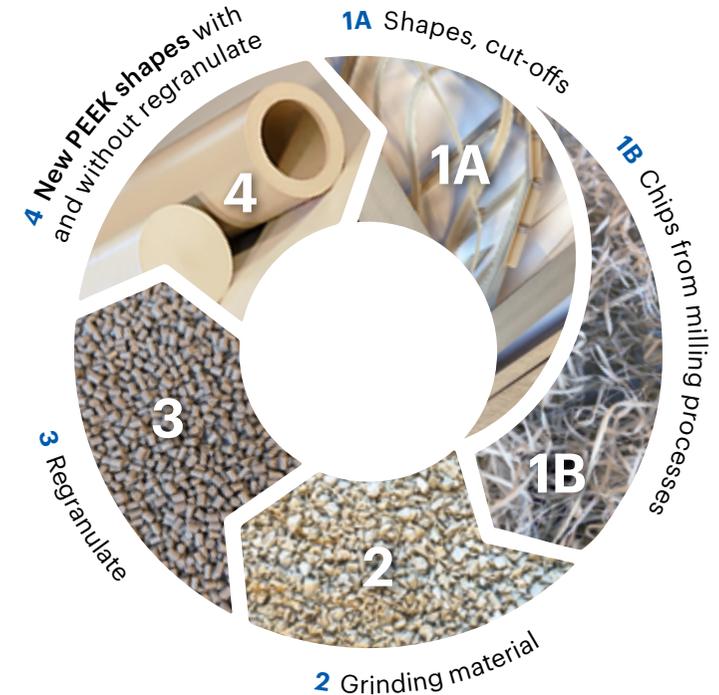


Recycling up to date

Save money. Assure quality. Protect the environment! Recycled plastics reduce costs and are a necessary contribution to environmental protection.

On the one hand, the recycling of plastics produces high-quality secondary raw materials and is thus conserving natural resources. On the other hand, the emission of climate-damaging greenhouse gas emissions and the use of natural primary resources can considerably be reduced through the use of recycling materials. Recycled plastics from MCAM Symalit AG, Polymer Recycling division, can be a commercially attractive alternative to new materials. The high-quality products are prepared according to uniform quality standards.

We have been making our know-how available internationally for decades and are proud of our partner network of well-known production companies from the plastics processing industry. We share our performance and quality philosophy with them, which is based on continuity exchange of experience, flexibility and above all innovation. Our acute sense for customer needs is reflected in the selected range of materials, our services and processes. All of our processes are ISO 9001 certified.



Our KAITEKI sustainability philosophy

In the Mitsubishi Chemical Group (MCG), MCAM Symalit AG, Polymer Recycling, is the Swiss subsidiary of Mitsubishi Chemical Advanced Materials AG (MCAM), a leading global manufacturer of high-performance thermoplastic and composite materials.

Mitsubishi Chemical Advanced Materials is thus consolidating its leading role in promoting resource-efficient management.

As a Mitsubishi Chemical Group Corporation (MCGC) company, we express our commitment to sustainable development through KAITEKI, the well-being of people and the planet.

We actively contribute to offering solutions for the circular economy.



Careful preparation and technically mature equipment

Recycling

Professional and customer centric

To allow you to concentrate on your core competencies, we take care of professional recycling and all the necessary tasks for you:

- Materials purchase (see AEB)
- Provision of containers and exchange containers
- Compounding, granulation and material processing according to customer requirements
- Creation of disposal and recycling concepts for your plastic production waste.



Grinding

Grinding, dedusting and demetallizing

For optimal further processing, we carefully label and sort the delivered material - starting from volumes even below 1000 kg.

We take on selected thermoplastics such as production scrap, sprues, chunks, large volume molded parts and profiles as well as other forms and shapes on request. We then grind them including dedusting and demetalization. Select the desired grinding range between 6 mm and 10 mm yourself and you will receive the regrind back on time and packed in octabins or big bags for your production.



Regranulating

For the best processing procedure

We take over the regranulation of all common thermoplastics, for example from production scrap, sprues or molded parts as well as from ground material. We can even handle materials that are difficult to compound, such as foils or plastics containing fibers. If necessary, the material is homogenized so that uniform processing parameters are achieved. On request, we can also compound various additives as part of the regranulation according to your production requirements.



Compounding

Additives and coloring

On request, we dye granules for you according to any color sample (for example RAL, Pantone, HKS) and do it in small batches. With small batch sizes, you can make an important contribution to sustainability with us as a partner – quite simply and economically.

We also have competencies in handling additives with special pigments and improving technical properties.



Sorting and cleaning

Purest granulate thanks to high-end sensor technology

One thing is essential for plastic production and processing: Purity. With a future-oriented inspection, analysis and sorting system we ensure highest level of material purity.

We are one of the first companies worldwide to use this X-ray technology in recycling. A scanner checks the finished plastic granulate grain by grain for metallic and organic contamination under clean room conditions.



Toll grinding

Toll grinding all common thermoplastics

Do you want to regranulate your thermoplastic waste and residues, but do not have any free capacity or do you want to outsource production for economic reasons?

Then our toll grinding is the perfect recycling concept for you. As a customer, you benefit from our extensive experience as well as from our professional production area and quality management. We are ISO 9001: 2015 certified and, thanks to the most modern analysis technology, we are able to carry out a 100% inspection of the plastic regranulate.



Efficient recycling of engineering plastics



Fluoroplastics

MINGAFLUOR

- PVDF
- PFA
- ECTFE
- Compounds

Fluoroplastics

- Polyvinylidene fluoride PVDF
- Ethylenchlortrifluorethylen ECTFE
- Perfluoroalkoxy PFA
- Compounds

The production systems used are specially designed for fluoroplastics in order to maintain the product properties.



PEEK plastics

MINGAPEEK

- PEEK
- PEEK MICRO
- Compounds

PEEK high-performance plastics

The high-performance material PEEK is produced using material-appropriate systems. Especially with this high quality material, you benefit from a processing method developed by us: Optimized washing processes clean the chips and molded parts that come from the processing of semi-finished products to clean granules.



Polyamide

MINGAMID

- PA6
- PA12
- PA11

Polyamide specialties

We compound additional Mingamid products on request. We produce our plastics exclusively from clean and sorted industrial waste, so that we can guarantee consistent and excellent material quality with every batch.



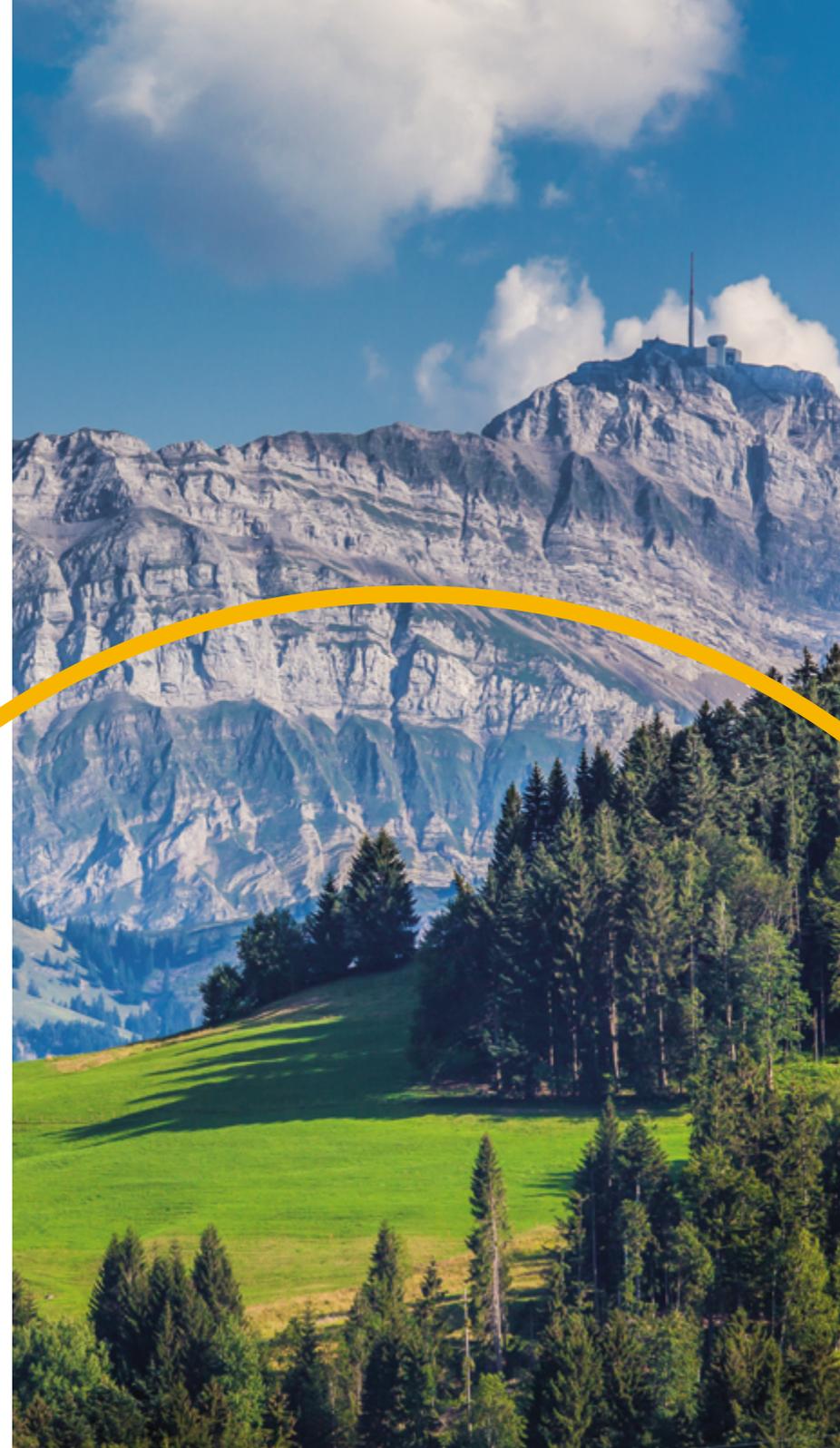
Polyoxymethylene

MINGAPOM

- POM-C

Recycled polyoxymethylene plastics

MingaPOM materials are exclusively produced from clean and sorted industrial POM waste which allows for consistent and excellent material quality. Our POM material types are available for both injection molding and extrusion.



Get in touch

Contact.

contact.mcam@mcgc.com

Visit.

www.mcam.com/en/products/reprocessed-granular

MCAM Symalit AG, Polymer Recycling
Hardstrasse 5, CH-5600 Lenzburg, Switzerland

Tel: +41 (0)62 885 83 80

www.mcam.com

All statements, technical information and recommendations contained in this publication are presented in good faith and are, as a rule, based upon tests and such tests are believed to be reliable and practical field experience. The reader, however, is cautioned that MCAM Symalit does not guarantee the accuracy or completeness of this information and it is the customer's responsibility to determine the suitability of the products of MCAM Symalit in any given application.

MCAM Symalit markets and sells its products under the MingaPEEK, MingafLOUR, MingaPOM, Mingamid and Mingaprop trade names.

This guide was created by Mitsubishi Chemical Advanced Materials. Design and content are protected by copyright law.

Copyright ©2025 the Mitsubishi Chemical Advanced Materials group of companies. All rights reserved.