



MINGER
KUNSTSTOFFTECHNIK AG

EXCELLENCE IN
REPROCESSED GRANULAR

Efficient recycling of engineering plastics

FLUOROPLASTICS from Minger



MINGAFLUOR

- » PVDF
- » ECTFE
- » PFA
- » Compounds

Fluoroplastics from Minger

- » Polyvinylidene fluoride PVDF
- » Ethylene chlorotrifluoroethylene ECTFE
- » Ethylene tetrafluoroethylene ETFE
- » Perfluoroalkoxylalkane PFA
- » Perfluoro (ethylene propylene) plastic FEP

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

PEEK PLASTICS from Minger



MINGAPEEK

- » PEEK
- » PEEK MICRO
- » Compounds

PEEK high-performance plastics from Minger

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

POLYAMIDE from Minger



MINGAMID

- » PA 12
- » PA 11

Polyamide specialties from Minger

We compound additional Mingamid products on request.

We produce our plastics exclusively from clean and sorted industrial waste, so that we can guarantee you consistent and excellent material quality with every batch.

POLYETHYLENE/ POLYPROPYLENE from Minger



MINGALEN & MINGAPROP

- » PE
- » PPC
- » PPH

These are the recycled plastics polyethylene and polypropylene from Minger

The standard plastic polyethylene PE is available from us under the brand name Mingalen, the plastic polypropylene PP under the name Mingaprop. Both types of material are created exclusively on the basis of clean and sorted industrial waste. Therefore, these types of material are characterized by a constant and excellent material quality. Our PE and PP types are available for both injection molding and extrusion.

We are Minger 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 thus conserving natural resources. On the other hand, the emission of climate-damaging greenhouse gas emissions and the use of natural primary resources are demonstrably reduced through the use of recycling materials. Minger recycling plastics are generally significantly cheaper than new materials. The high-quality products are prepared according to uniform quality standards.

As material experts with extensive experience, we concentrate on the professional processing of thermoplastic materials and have made a name for ourselves in the field of high-performance engineering plastics. We are one of the world's most experienced processors for PEEK, fluoroplastics and polyamides.

Minger has made its know-how available internationally for decades and counts well-known production companies from the plastics processing industry among its partners. 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.

Flexible, independent and professional

We know precisely what high demands modern production places on the processing of plastics. Thanks to consistent training of our employees and state-of-the-art machine equipment, we deliver consistent, homogeneous regenerates in the exact required quality.

Minger rating certificate

Dun & Bradstreet (D&B) ranks Minger among the few companies worldwide that have a risk rating of 1. For years the company has achieved a top rating in terms of creditworthiness, payment behavior and liquidity.

Careful preparation and technically mature equipment

RECYCLING



Professional and customer-oriented

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

- » Disposal including proof of disposal
- » Materials purchase (see AEB)
- » Provision of containers and exchange containers; Bale press system on request
- » Compounding, granulation and material processing according to customer requirements
- » Retrieval of sublots
- » Creation of disposal and recycling concepts for your plastic production waste

GRINDING



Grinding, dedusting and demetallizing

For optimal further processing, Minger carefully labels and sorts the delivered material

- starting from about 1000 kg. Minger takes on all the usual thermoplastics (for example production scrap, sprues, chunks, large-volume molded parts, powders, foils, profiles, filaments) and grinds them, including dedusting and demetallization. Select the desired grinding range between 6 mm and 10 mm yourself and you will receive the regrind flexibly and on time as standard 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



Additivation and coloring

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 are also proficient in handling additives with special pigments and the improvement of 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 Minger ensures 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.



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