



 **BRENNTAG**

Polymer recycling solutions

EMEA



More than distribution

Our polymer recycling solutions for circular value creation.

We are a leading provider of sustainable polymer recycling solutions supporting the demands of one of the most important future technologies. The combination of an extensive product portfolio, world-class technical competencies and value-added services enable us to provide holistic cross-industries solutions.

In addition to high-quality products from leading suppliers, we work with R&D partners to develop innovative concepts and formulations for polymer recycling technologies and recyclate applications. In this, we cover all areas along the recycling process, from washing, separation, regranulation and compounding to converting.

We aim to create long term relationships with our customers by providing support on new and existing products tailored to our customers requirements. Our product range as well as our new product developments are constantly reviewed to meet the highest quality standards and to satisfy the increasing performance demands of your industry.

Our specialists in Water Treatment and Polymers benefit from the global reach and excellent supply chain of Brenntag. We join forces across our many locations worldwide and leverage synergies helping you improve operating efficiency and achieve environmental objectives.

Our sustainability journey

Sustainability aspects such as safety, environmental protection and supply chain responsibility are deeply rooted within our company.

As a global industry leader, we are aware of our responsibility to the environment, and we aim to achieve sustainable value creation. Our goal: providing sustainable solutions which address all challenges when caring for valuable resources like fossil energies, water, soil, and air.

Our sustainability strategy includes aspects such as climate protection, reduction of emissions, resource efficiency and circular economy.

Worldwide, our companies and sites pursue a large number of activities in the area of sustainability. This is one of the reasons why we rank among the top 1% of companies with platinum status surveyed by EcoVadis across all industries.

Our contribution to circular value creation

The polymer industry is facing challenges to become more sustainable: using more renewable materials, reducing waste, lowering the environmental impact and make the transformation away from a linear to a circular model. This requires a holistic approach that incorporates recyclability not only in individual product areas, but throughout the material flows of all polymers.

Our commitment has resulted in a wide selection of products and technologies which help our partners in the circulation process reduce their environmental footprint and achieve their sustainability goals in a myriad of applications like polymer recycling, waste water reuse and heavy metal removal.

Our polymer recycling solutions

We provide you with sustainable solutions and comprehensive support in every step of the polymers recycling process.





Unlock the future of sustainable water treatment

Water is a key component in the polymer recycling industry as it is used for several processes such as washing, sorting, grinding, and pelletizing. Water used in these process steps often gets contaminated with plastic particles, chemicals, and other pollutants, necessitating treatment before discharge to prevent pollution and ensure compliance with environmental regulations.

Treating this water is costly and time-consuming, which can impact the overall profitability of your recycling operations. As a leading provider of water treatment solutions, we understand that dealing with these challenges is a complex task which prevents you from focusing on what matters most: your core business.

That's why we have developed a unique offering to the polymer recycling industry:

- **Comprehensive product portfolio:** Our full-line range of chemicals and related products covers all water treatment applications in polymer recycling, from raw water pretreatment to sludge dewatering and everything in between.
- **Best-in-class technical capabilities:** We don't just offer products; we back them up with unmatched expertise. With our technical know-how you get the right solution for every problem, no matter how complex your requirements are.
- **Value-added services:** we offer extensive application support, including site surveys, lab tests, and post-trial monitoring, all to ensure you get the most out of our proposed treatment program.
- **Improved efficiency and reduced costs:** Our tailor-made solutions optimize your water treatment process, ultimately saving you time and money.
- **Decrease your water footprint:** With our products and expertise, we support the development of closed-loop systems that reuse water, reducing your reliance on fresh water sources.

Water Treatment portfolio

Coagulants

- Ferric Chloride / Sulphate
- Other Iron Salts
- Aluminium Salts / PAC
- Aluminium / Iron Blends
- Advanced Coagulants

Flocculants

- Powders & Emulsions
- Cationic / Anionic / Non-Ionic
- Water-based

pH Adjusters

- Sodium Hydroxide
- Hydrochloric Acid
- Sulfuric Acid
- Magnesium Hydroxide
- Milk of Lime

Carbon Sources

- Brenntaplus VP1
- Brenntaplus CL60
- Acetic Acid
- Methanol

Nutrients and Nutrient Blends

- C, N, and/or P Blends
- Trace Elements Blends
- Phosphoric Acid
- Urea Solution

Defoamers

- Silicon-based
- Fatty Acid-based

Disinfectants and Biocides

- Sodium / Calcium Hypochlorite
- Sodium Chlorite / Chlorine Dioxide
- Clorox2 / Chlorine Dioxide Solutions
- Hydrogen Peroxide
- Non-oxidising Biocides

Activated Carbon

- Powder / Granular / Extruded
- Impregnated
- Acid Washed
- Virgin & Reactivated
- Blends

Filtration Media

- Hydro Anthracite
- Quartz Sands & Others
- Perlite
- Zeolite
- Special Filtration Media

Ion Exchange Resins

- Process Water
- Wastewater

Membrane Maintenance

Chemicals

- Antiscalants
- Biocides
- Cleaning Chemicals

Scale Inhibitors

- Phosphonates
- Polymers – Acrylic & Maleic
- Other Scale Inhibitors
- Formulated Blends

Corrosion Inhibitors

- Neutralizing & Filming Amines
- Oxygen Scavengers
- Other Corrosion Inhibitors

Customised WT Formulations /

- Blends

Heavy Metal Removal

- Trimercaptotriazine (Na3T)
- Advanced Formulations

Other Specialties

- Enzymes



We are your polymers partner for sustainable solutions

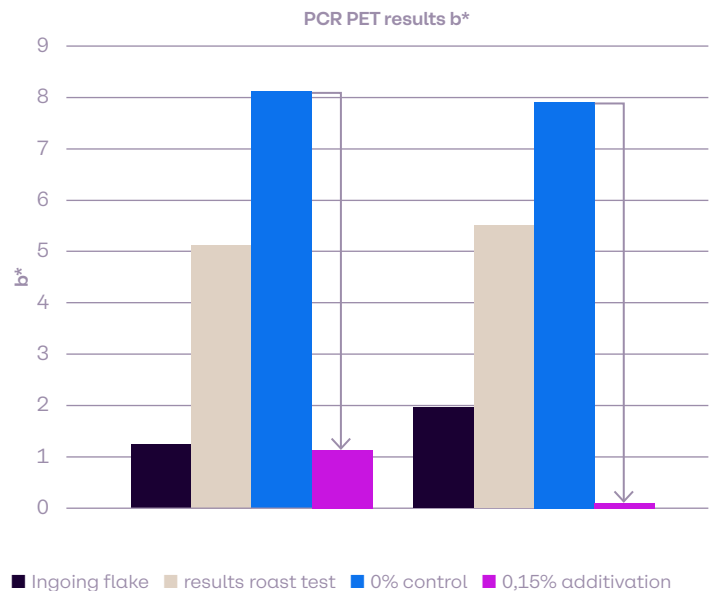
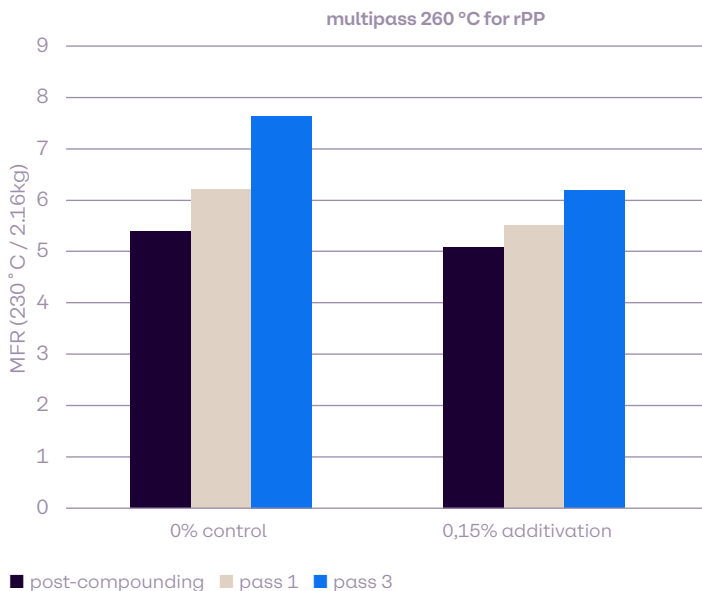
We offer a comprehensive product and service portfolio as well as individual and sustainable polymer solutions for both the Post Consumer Recyclate – and the Post Industrial Recyclate based production.

We believe that the transformation to circular value creation can only succeed through joint efforts and collaborations.

Our specialists are dedicated to providing support, from the initial consultation to the final delivery of raw materials. We work closely with you to understand your specific needs and requirements and offer customized solutions that help you achieve your goals.

Consistent quality with improved performance

- Transparency or color stability
- Long term heat stability
- Mechanical properties
- Processability
- Cost efficiency



Why to choose us as your partner

- Decades of experience in the Polymers industry
- Strong, reliable partner backed by a globally leading chemical distribution group
- Quality, compliance and EHS assured operations, logistics, products and services
- Industry leading range of products that covers all your applications needs your application needs
- Flexibility to investigate new standards for your product range

Polymers portfolio

Antioxidants

- Phenolic
- Aminic
- Phosphite
- Thioester
- Blends & one packs

Light stabilizers

- HALS
- UV absorbers

Coupling agents

- Grafted polyolefins
- Grafted EPDM
- Grafted SB copolymers
- Grafted silanes

Pigments

- Organic pigments
- Mineral pigments
- Soluble dyes
- Iron oxide
- TiO₂

Slip & anti-block agents/ processing aids

- Eurocamide waxes
- Oleamide waxes
- Stearamide waxes

Flow modifier

- Resins

Flame retardants

- ATH
- ATO
- Silica based synergist
- Phosphor based

PVC stabilizers

- Mixed metal
- Metal free

Impact modifiers

- Acrylic
- MBS
- CPE

Filler

- Calcium carbonate

Purging agents

- Polyolefin base
- Engineering polymer based

Plasticisers

- ESBO
- DINCH
- Phthalates
- Benzoates
- Alcohol based
- Adipates
- Fossil free
- Bio mass balanced

Engineering polymers

- ABS
- POM
- PBT
- PC
- PA
- PMMA
- PEEK

The specific Portfolio can vary per country. For the exact portfolio in your country please download the local brochure via the QR code at the back.





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