

MELAMINE

SERVICES

- Wide range of facilities in well equipped laboratories:
 - Analyses
 - Resin cooks
 - Paper impregnation tests
 - Lamination tests
- Direct trials at the customers site
- Advice on technical issues and training of customer staff
- Recommendation on current products and new developments
- Customer process optimization regarding efficiency and end product quality

LOGISTICS AT BAM

Best in class service is one of our main objectives. Accordingly we offer secure supply and flexibility for our clients. Continuous logistic improvements are part of our strategy.

SAFETY AND QUALITY STANDARDS

Borealis Agrolinz Melamine GmbH commits firmly to matters of safety, quality, the environment, and health, for which a modern integrated management system according to international standards (ISO 9001, ISO 14001, "Responsible Care" certifications) is established.



Photos: are used with courtesy of Fundermax GmbH

CONTACT

Borealis Agrolinz Melamine GmbH

St.-Peter-Strasse 25
A-4021 Linz/Austria
Phone: (+43) 732 / 6914 4075
Fax: (+43) 732 / 6914 64075
E-Mail:
melamine@borealisgroup.com

General Sales Management

Office Linz / Austria
Phone: (+43) 732 / 6914 2264
Fax: (+43) 732 / 6914 62264

Western Europe/CIS

Sales Office Linz / Austria
Phone: (+43) 732 / 6914 3348
Fax: (+43) 732 / 6914 63348

Southern Europe/Turkey

Sales Office Linz / Austria
Phone: (+43) 732 / 6914 3582
Fax: (+43) 732 / 6914 63582

North&South America

Sales Office Linz / Austria
Phone: (+43) 732 / 6914 3332
Fax: (+43) 732 / 6914 63332

Asia / Pacific

Sales Office Singapore
Phone: +65 6303 8484
Fax: +65 6377 1155

Technical Support:

Office Linz / Austria
Phone: (+43) 732 / 6914 3052
Fax: (+43) 732 / 6914 63052

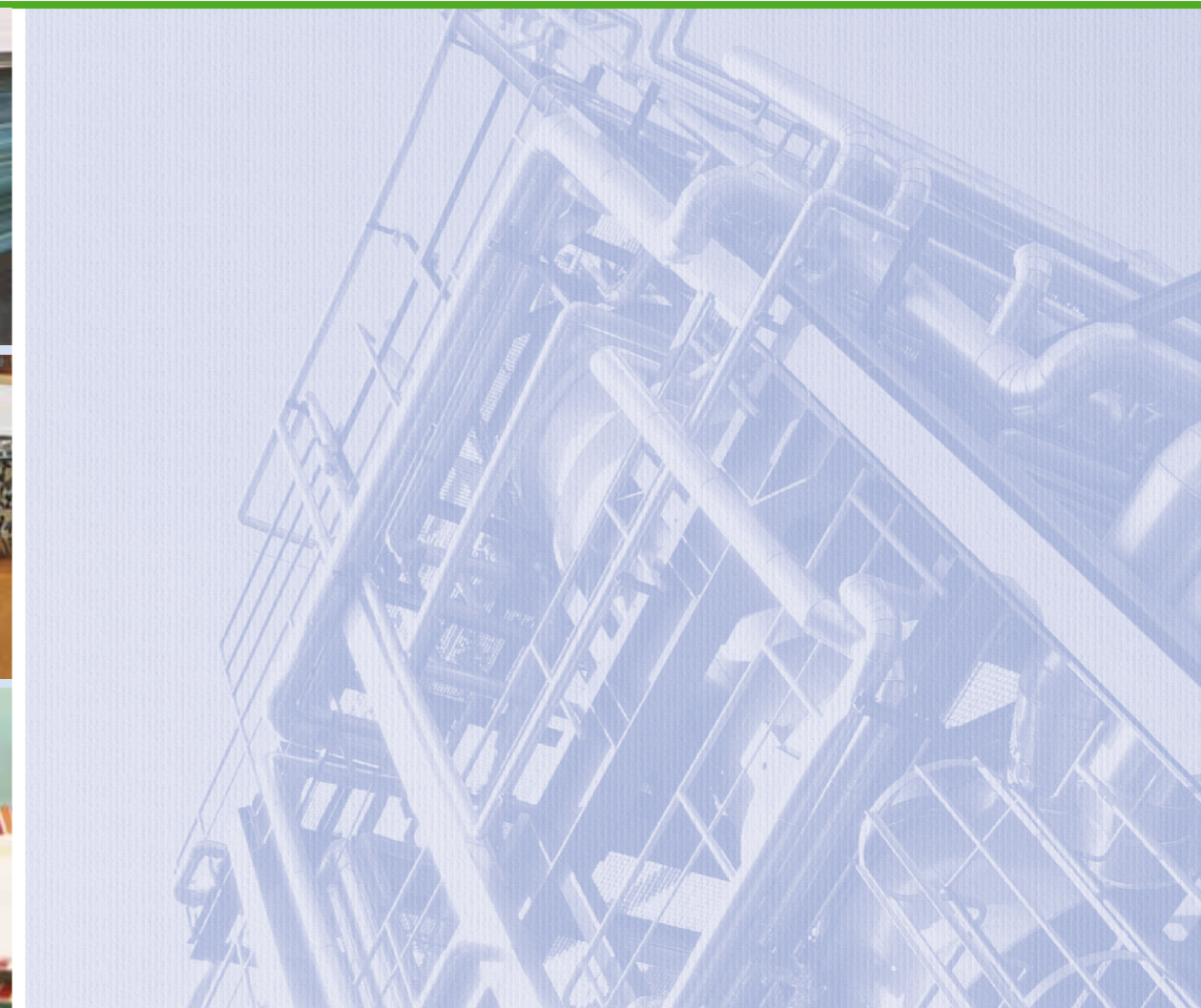
Borealis Agrolinz Melamine GmbH is a leading provider of melamine and innovative, value creating melamine-based solutions.

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Fax: (+43) 732 / 6914 64075
E-mail: melamine@borealisgroup.com
www.borealisgroup.com

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AMI

Melamine

WHAT IS MELAMINE?

AMI Melamine is a white crystalline powder made from urea. It is an organic base with the chemical formula $C_3H_6N_6$, with the IUPAC name 1,3,5-triazine-2,4,6-triamine and CAS number:108-78-1.

AMI Melamine is mostly processed as a resin, a plastic material made out of melamine and formaldehyde by polymerization.

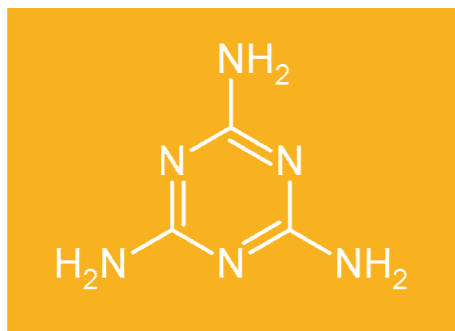
ADVANTAGES OF MELAMINE RESINS

AMI Melamine is part of our daily life. It is especially known for its:

- Scratch resistance
- Temperature resistance
- Good resistance against chemicals
- Flame retardant properties
- Good electrical isolation properties

As AMI Melamine produces colourless resins, a whole range of coloured products can be made.

Thanks to these exceptional qualities, attractive and durable surfaces with an endless choice of design can be created.



MAIN FIELD OF APPLICATION

Most of the melamine produced worldwide is used by the wood-based panel industry. The melamine demand is related to activities in the construction, automotive and furniture sectors.

WOOD BASED PANELS

- Laminates (LPL, HPL, CPL)
- Plywood
- Particle Board (PB)
- Medium Density Fiberboard (MDF)
- Oriented Strand Board (OSB)
- Laminated Veneer Lumber (LVL)

Benefits:

- Cost-effective
- Strong
- Moisture resistant
- Colorless

LAMINATES

- Laminates (LPL, HPL, CPL)
- Laminate flooring
- Furniture tops
- Kitchen and bathroom counter-tops
- Wall cladding
- Cabinets
- Self-assembly furniture

Benefits:

- Durability
- Scratch resistance
- Heatproof properties
- Chemical resistance
- Antibacterial properties
- Moisture resistance

MOULDING COMPOUNDS

- Tableware and picnic ware
- Children's dinnerware
- Electrical equipment
- Handles for cookware and other utensils

Benefits:

- Cost-effective
- Strong
- Temperature resistant

OTHER AREAS OF APPLICATION

- Coatings
- Flame retardants
- Concrete plasticizers
- Resins for textile- and paperfinishing

Benefits:

- Additionally AMI Melamine-based flame-retardants for instance are more environmentally friendly than halogen-based flame-retardants.
- In textiles AMI melamine's enhanced wear-resistance, wet-strength properties and the color performance/retention offer an added value.



AMI AND MELAMINE – A SPECIAL COMBINATION

AMI Melamine represents one of AMI's core businesses. As a worldwide leading melamine producer, AMI is a genuinely, global player in the melamine sector. With five production units at two locations and an annual production capacity of 160,000 to, AMI stands for product quality, state of the art technology and on-going innovation.

With its headquarters in Linz/Austria and subsidiaries in Chicago/USA and Singapore, the company guarantees first class customer service, secure supply, high quality standards and long-term partnerships with personal contact.

INNOVATION AT AMI

- Technological Development: AMI produces melamine according to its own proprietary technology. With its high pressure process the company has market leadership.
- Product Development: As an innovative partner to our customers, it is our declared aim to place new, melamine-based products in markets. In this regard, we strengthen innovation, product quality and a comprehensive partner service.

TECHNICAL SUPPORT AT AMI

Targets

- Customer value improvement: Skilled and highly experienced application technologists offer personal assistance.
- Customer support: Offering optimized technical solutions
- Customer relationship and confidence on a technical level