

Fakuma 2023, hall B5, booth 5306

Röhm to showcase examples of outstanding and sustainable product design using PLEXIGLAS® molding compounds

- **PLEXIGLAS®, PLEXIMID® and CYROLITE® molding compounds with bespoke properties for various industries**
- **From granules to the end product – inspiring exhibits from the automotive, lighting, household and medical technology sectors**
- **Video illustrates the recyclability of brand PMMA from Röhm**

Whether car rear lights, yogurt makers or algae reactors – PLEXIGLAS® molding compounds, the brand polymethyl methacrylate (PMMA) from Röhm, make a key contribution toward the design and longevity of a wide variety of items. At Fakuma 2023, which will be held in Friedrichshafen on October 17 to 21, the expert audience can discover the varied applications of PLEXIGLAS®, PLEXIMID® and CYROLITE® molding compounds. The Molding Compounds business unit will showcase a host of exhibits from the automotive, lighting, household and medical technology sectors in hall B5 at booth 5306. International corporations and start-ups alike have provided components and products that they manufacture from Röhm's high-quality plastics.

"Since its invention 90 years ago, PLEXIGLAS® has helped shape countless everyday products and has played a role in many groundbreaking innovations," comments Siamak Djafarian, Senior Vice President at the Molding Compounds business unit. "We are always thrilled to see our material being used in new applications and, in coordination with our business partners, to develop products with specific properties tailored to their industry requirements."

PLEXIGLAS® – a fully recyclable material for the future

One key and intrinsic property of PLEXIGLAS® is growing in importance in every application: This long-lasting and high-quality plastic is fully recyclable, making it perfectly suited to the circular economy – one of the key focus topics of Fakuma 2023. Using a thermal process, the PMMA polymer can be reverted to the MMA monomer time and again, which in turn is used as a raw material for the polymerization of PLEXIGLAS®. A video at the trade fair booth will demonstrate how this works. Two examples of sustainable product design with Röhm's brand PMMA will also be showcased here: Visitors will see how the lighting manufacturer TRILUX fits the luminaires from its Olisq range with diffusers containing up to 40 percent recycled PLEXIGLAS®. The second example is provided by the startup Algoliner, which builds its photobioreactors for microalgae using the long-lasting and permanently translucent material to produce a sustainable raw material in a resource-efficient manner.

Further information of all this year's exhibits from many different application areas can be found on our established press portal under the link:

<https://www.plexiglas-polymers.com/en/trade-fair-report>

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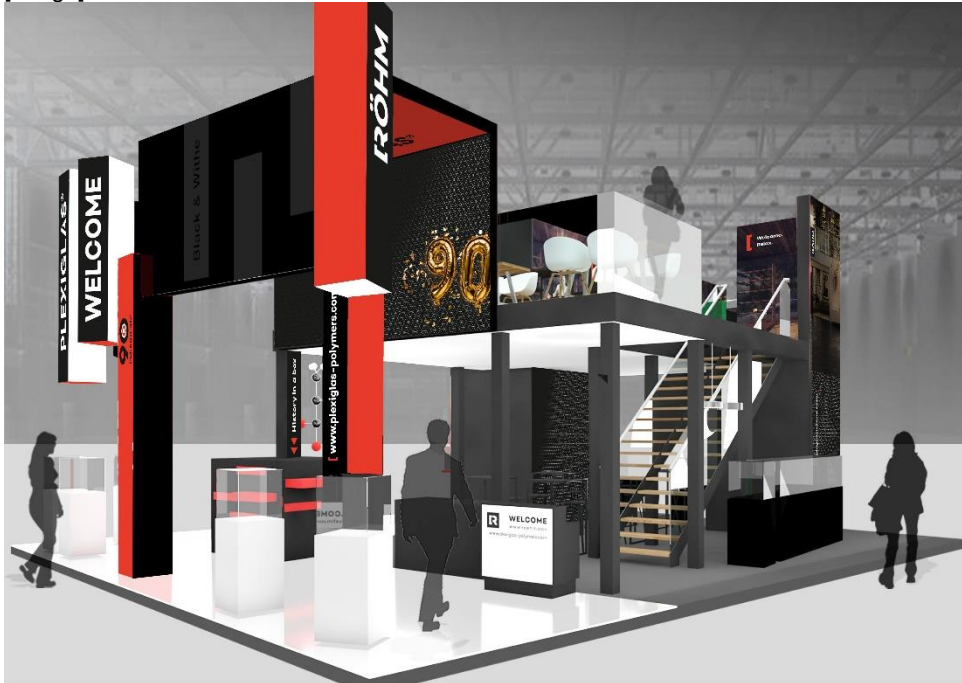
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Explore the versatility of PLEXIGLAS® molding compounds: Röhm will showcase a host of exhibits from the automotive, lighting, household and medical technology sectors at Fakuma 2023 (hall B5 booth 5306).

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About Röhm

With 3,500 employees and 13 production sites worldwide, Röhm is one of the leading manufacturers in the methacrylate business. The medium-sized company with branches in Germany, China, the USA, Mexico, and South Africa has 90 years of experience in methacrylate chemistry and a strong technology platform. Our best-known brands include PLEXIGLAS®, ACRYLITE®, MERACRYL®, DEGALAN®, DEGAROUTE® and CYROLITE®.

Polymethyl methacrylate (PMMA) products from Röhm are sold on the European, Asian, African and Australian continent under the registered trademarks PLEXIGLAS® and PLEXIMID®, in the Americas under the registered trademarks ACRYLITE® and ACRYMID®.

More information is available at www.roehm.com.