

K 2019, Hall 6, Booth No. B30

**PLEXIGLAS® Hi-Gloss: Impact-resistant special molding compound for black, high-gloss applications in the bodywork sector**

- **Electric drivetrains are opening up a whole new range of options when it comes to bodywork design.**
- **PLEXIGLAS® Hi-Gloss products can be used to produce high-gloss (Class A) and robust components.**
- **Applications ranging from the radiator grille to air intakes and decorative panels, to mirror housings and pillar panels.**

Electric drivetrains will significantly change the appearance of vehicles. Radiator grilles could be completely omitted in electric vehicles as these drives do not require the same cooling as combustion engines. This gives designers an entirely new playing field to design the front of a vehicle with decorative elements: High-gloss components can be used to create a particularly clean and sophisticated look. However, the materials used in applications on the lower car body of the vehicle must be particularly robust. The benefits of the PLEXIGLAS® Hi-Gloss NTA-5 special molding compound – for example in the color black 9V022, piano black – will be presented by the Molding Compounds business unit from Röhm GmbH at K 2019, Hall 6, Booth No. B30.

**Different applications**

PLEXIGLAS® Hi-Gloss NTA-5 is the molding compound with the highest impact resistance in the PLEXIGLAS® Hi-Gloss product range. The heat deflection temperature is on a high level, particularly for an impact-resistant PMMA molding compound. The material also impresses with its weather resistance, scratch resistance and depth of color. Due to this balanced portfolio of properties, PLEXIGLAS® Hi-Gloss NTA-5 is perfectly suited to manufacture components, such as the radiator grille, air intakes and decorative panels, as well as mirror housings and pillar panels. Visitors to K 2019 can get an impression of some of these components first hand.

PLEXIGLAS® Hi-Gloss molding compounds which have a long history in automotive construction, for example for high-gloss pillar panels, which optically increase the size of the windows. Thanks to the specific product characteristics, the product can be used to manufacture injection-molded components with molded-in color and high-gloss surface in Class A quality. The advantage is that subsequent coating is not required, so the production cost of these components is significantly lower than for traditional coated systems.

**Extremely weather-resistant**

In addition, the components also impress with the highest possible color depth and weather resistance throughout the entirety of the vehicle life cycle. What's more: Smaller scratches can easily be polished out of the high-gloss Class A surface. There are therefore many reasons why all renowned OEMs have been using PLEXIGLAS® Hi-Gloss molding compounds for many years for bodywork components.

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**About Röhm**

Röhm is a worldwide manufacturer of PMMA products sold under the PLEXIGLAS® trademark on the European, Asian, African and Australian continents and under the ACRYLITE® trademark in the Americas.

With 3,900 employees, 15 production sites worldwide, and revenues of EUR 1.9 billion (2018 figures), Röhm is one of the world's leading manufacturers in the methacrylate business. The medium-sized company with branches in Germany, China, the USA, Russia, and South Africa has more than 80 years of experience in methacrylate chemistry and a strong technology platform. Our best-known brands include PLEXIGLAS®, ACRYLITE®, DEGALAN® and DEGAROUTE®.

More information is available at [www.roehm.com](http://www.roehm.com)