

RAMPF's High-Performance Potting Materials Drive Growth in India's EV Market

Tailor-made electro casting resins and gap fillers based on polyurethane, epoxy, and silicone at MatDispens in Delhi – Hall H7 / Booth E21

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Grafenberg, Germany, September 5, 2024. Tailor-made for maximum performance and service life – RAMPF is presenting its encompassing portfolio of electro casting resins and gap fillers for electric vehicle (EV) components at MatDispens in Delhi, India, from September 11 to 13 – Hall H7 / Booth E21.

Key Facts

1. Electro casting resins and gap fillers from German-based company RAMPF Advanced Polymers ensure optimum functionality and maximum durability of electrical/electronic components.
2. Electro casting resin systems provide reliable and efficient protection against chemical substances and environmental influences such as heat, cold, and moisture.
3. The company's gap filler portfolio ensures optimal heat dissipation, safeguarding sensitive components from overheating to enhance drive performance and extend vehicle lifespan.

RAMPF Electro Casting Resins



One- and two-component electro casting resins based on polyurethane (RAKU[®] PUR), epoxy (RAKU[®] POX), and silicone (RAKU[®] SIL) reliably and efficiently protect sensitive electrical/electronic components, batteries, motors, power electronics, sensors, and transformers from chemical substances and environmental influences such as heat, cold, and moisture. RAMPF Advanced Polymers' potting systems are listed by leading manufacturers in the automotive and electronics industries, amongst others.

RAMPF Gap Fillers



Gap fillers based on silicone (RAKU[®] SIL) are used in components in the battery and power electronics industries to close gaps between components and heat-dissipating surfaces. The high thermal conductivity of the thermal interface materials is increased by thinner adhesive joints and good wetting. RAMPF's low density gap filler portfolio exhibits outstanding continuous temperature resistance, aging resistance, and thixotropic properties for easy processing.

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RAMPF Sealing Systems



RAMPF Advanced Polymers also offers liquid to highly thixotropic and compact gaskets for the long-term protection from moisture, dust, and chemicals. The polyurethane (RAKU[®] PUR) and silicone (RAKU[®] SIL) systems are used, amongst others, for sealing battery covers, brake and taillights, chargers, loudspeakers, fuse boxes, and door modules.

Think global, act local

Senthil Kumar, Business Development Manager at RAMPF Advanced Polymers – “The Indian market is rapidly expanding, offering tremendous opportunities for our company, particularly in the EV and power electronics industries. With our encompassing expertise in both resin systems and their precise, fast, and cost-efficient dispensing, we offer customers holistic solutions for their manufacturing processes. We look forward to engaging with the world's top manufacturing experts at MatDispens and exploring exciting new projects.”

Visit RAMPF Advanced Polymers at MatDispens in Delhi from September 11 to 13 – Hall H7 / Booth E21!

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www.rampf-group.com



RAMPF Advanced Polymers GmbH & Co. KG based in Grafenberg, Germany, is a leading specialist in the development and manufacture of customized and sustainable solutions for formulating, sealing, casting, and design.

The product portfolio includes

- > Sealing systems, electro casting resins, engineering casting resins, edge and filter casting resins, and adhesives based on polyurethane, epoxy, silicone, and silane-modified polymers
- > Board and liquid materials for model and mold engineering based on polyurethane and epoxy
- > Chemical solutions for the manufacture of customized recycled polyols based on polyurethane, PET, and PIR residues.

RAMPF Advanced Polymers is a company of the international RAMPF Group based in Grafenberg, Germany.

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RAMPF Holding GmbH & Co. KG
Robert-Bosch-Strasse 8-10
72661 Grafenberg
Germany
T + 49.71 23.93 42-0
E advanced.polymers@rampf-group.com
www.rampf-group.com

Your contact for images and further information:

Benjamin Schicker
RAMPF Holding GmbH & Co. KG
Albstrasse 37
72661 Grafenberg
Germany
T + 49.71 23.93 42-1045
E benjamin.schicker@rampf-group.com