

SCHERDELWIESAUPLAST
FROM MEXICO, GERMANY TO CHINA

SCHERDEL
WIESAUPLAST

SCHERDEL
WIESAUPLAST



SCHERDEL Group

FACTS AND FIGURES

11  Countries
approx. **6.900**  Employees worldwide

35  Locations

40  Production plants
approx. **890** Mio. € turnover



HI-TECH PLASTIC SYSTEMS

Your competent partner when it comes to functional plastic parts, assemblies or technical system solutions.



With just one scan:
Experience our world in AR!

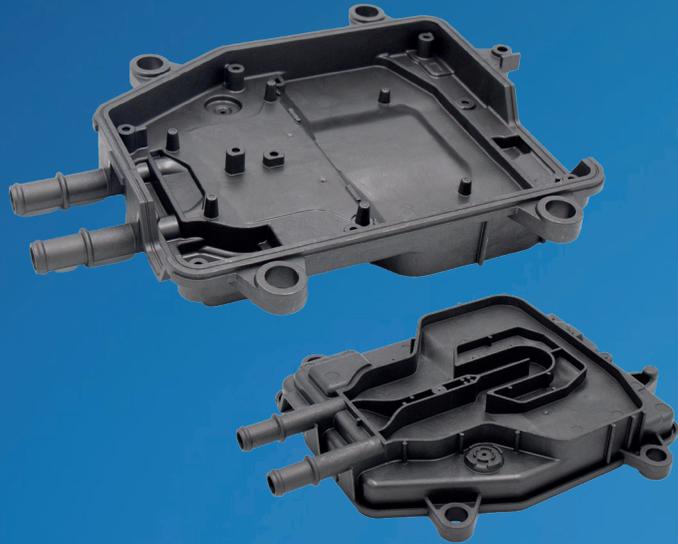


SCHERDEL Wiesauplast
Deutschland GmbH & Co. KG
Am Industriepark 1
95676 Wiesau

Automotive industry, medicine, leisure, water management, household appliances, automation & energy technology, etc.

HYCOOL

HEAT-CONDUCTING PLASTIC



HYCOOL: THE NEW STANDARD IN MATERIAL SUBSTITUTION

The innovative substitution of metal with heat-conducting plastic („Hycool“) opens up a wide range of advantages:

- Free shaping and function Integration
- Cost and weight reduction
- Improved CO2 footprint

Hycool is used for:

- Power electronics
- Heat exchangers
- Battery cooling systems
- Hydrogen technology
- Covers and housings with electronics

PLASTIC MEETS METAL



PLASTIC MEETS ELECTRONIC



SCHERDELWIESAUPLAST CORE COMPETENCIES

DEVELOPMENT PROCESS

Regarding the development of highly complex parts and assemblies, we support our customers from the beginning. Our focus is always on plastic-compatible and innovative design. Tools such as FEM calculation or moldflow simulation are also used by us to support the development process.

HIGH PERFORMANCE MATERIALS

High performance resins are gaining more and more importance for complex product designs and metal substitution. Thermal conductivity and electromagnetic shielding play a significant roll in today's product solutions. Scherdel Wiesauplast has the expertise to process engineered thermoplastics which include PET, PPS, PEEK, PPA, PAA and PA, with filler content up to 65% and various filler types.

HI-TECH TOOL MANUFACTURING

With over 40 years of in-house tool development, our focus is on complex tool optimization to ensure state-of-the-art product design for our customers. In addition, our globally oriented tool sourcing strategy enables us to guarantee a smooth integration of external tool manufacturers upon necessity, who uphold our defined tool standards, in order to always meet our customers expectations.

AUTOMATION

We are specialists in well-balanced intelligent automation solutions in our production of assemblies and hybrid parts. Based on customer needs for their individual products, we offer a wide range of automated systems – partially or fully automated - including insertions technology, various plastic welding technologies, gluing and inline testing.

ELECTRONICS COMPETENCE

According to our motto, **Plastic meets Electronic**, we develop and realize highly integrated, mechatronic applications and systems in 2D and 3D technologies. In this field we utilize our experience and capabilities in 2D SMD manufacturing, laser direct structuring for MID and 2K injection molding.