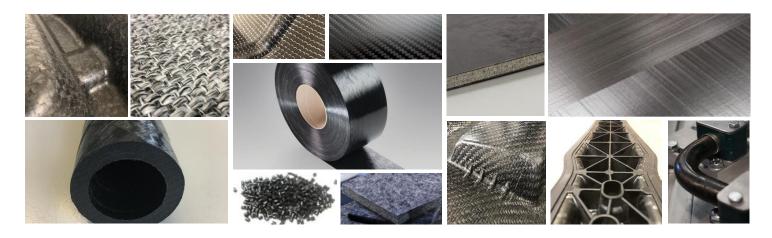
REEJE Solutions thermoplastic - engineering

reese-solutions GmbH - Company presentation

Innovative engineering solutions as a one-stop service

Your partner for fiber-reinforced thermoplastics



We advance composite development

reese-solutions GmbH - Office in Stade / Germany

Based in the northern composites technology park

Your partner for fiber-reinforced thermoplastics





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Innovative engineering solutions

reese-solutions GmbH – Why thermoplastic polymers?



Functional integration and a high degree of automation



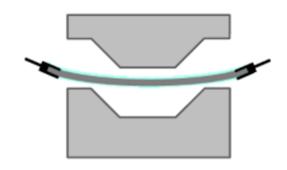
Material recyclability



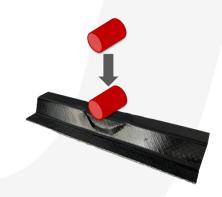
Short cycle times and low unit costs in series production



Environmental compatibility and high media resistance at constant properties



Thermoformability as well as weldability



Positive failure behavior as well as high damping and energy absorption

reese-solutions GmbH - Consulting, Engineering & Manufacturing

<u>Planning, management and implementation</u> along the product development process



<u>Analysis of requirements</u> to elaborate the specification:

Supervision of component

Product development

New technology developments based on our expertise and network for working on innovative ideas



<u>Optimization</u> of existing products and processes through <u>variant development</u> and <u>consideration of alternatives</u>

From target to performance specifications

Innovation

and <u>tool design</u> as well as <u>process simulation</u>

Experimental and model validation

Prototype

<u>Quality assurance</u> and quality control

Series production

SOP

Feasibility study

ecent development planning

Concept <u>development</u>, <u>planning</u> and <u>evaluation</u>

Material analysis & Selection of semi-finished products

Producibility- and weightedsum-model analysis / Invest

<u>Cost-based</u> determination of preferred variants

Process development

<u>Design and development of concepts</u>
(Layout, operating resources, handling systems,
Cycle time optimization) as well as
development of tool concepts

Support during <u>sampling</u> and <u>series approval</u>

Pre-series

Recycling

Development of <u>recycling</u> <u>concepts</u> for a <u>circular</u> <u>economy</u>



End-of-Life

Thank you for your attention

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