Robust and cost-effective solutions for the composite industry

Reactive Components Limited offer a wealth of product development expertise and focus on both new and existing products from concept idea through to end customer satisfaction. Working with all areas from product development through raw material optimisation to manufacturing and supply chain.

Our extensive experience, with a Six Sigma approach, enables us to utilise the correct tools within each environment to maintain a time efficient implementation, referred to as our Six Sigma Lite approach.

<table>
<thead>
<tr>
<th>MATERIALS SCIENCE</th>
<th>INTRODUCTION TO MARKET</th>
<th>MANUFACTURING SCALE-UP</th>
<th>SUPPLY CHAIN EFFICIENCY</th>
<th>PRODUCT LIFECYCLE</th>
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<td>An extensive understanding of materials science leads to enhanced product performance.</td>
<td>Supporting your customers in the field is an essential tool that enables us to complete the customer feedback loop and deliver market-leading products.</td>
<td>Working with existing manufacturing technologies or introducing new ones to ensure cost effective manufacture of your new products.</td>
<td>Utilising our extensive network of raw material suppliers to implement cost savings whilst maintaining product integrity.</td>
<td>Understanding the product lifecycle whilst introducing raw materials multi sourcing, quality set-up monitoring and problem solving.</td>
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Alongside our proven product development experience here at Reactive Components Limited we always look to the future, focussing on some of the key drivers within the industry;

- Environmental concerns: from personal risks (use of “safest” chemistry) to (long-term) product lifecycle (bio-sourced materials, recyclable products etc.).
- Leading edge technologies: for example Nanotechnology - not as a buzzword but as a working technology.
- Looking to Nature as an innovative solution provider

Reactive Components Limited have an extensive knowledge gained from Tooling Board and Paste to High Performance Composite Parts designed for demanding applications and markets.

Throughout the product development process we maintain a clear understanding of how the product affects the customer manufacturing process.

We always work with a pragmatic & innovative approach to bring sustainable robust solutions to your business.

In order to support our new and existing clients we have invested in a bespoke laboratory and a range of analytical and test equipment.

This includes but is not limited to:

- DSC for thermal and kinetic analysis.
- FTIR for raw materials analysis and reaction monitoring.
- Rheometer for understanding rheological behaviour.

In addition to satisfying our own inhouse needs the equipment can be used either to support your testing requirements or utilised as part of our raw materials evaluation service that could help improve your supplier relations.

We are an innovative business experienced in project and team management, proficient in product development and advanced in overcoming manufacturing challenges and quality issues. Our Managing Director Dr Yves Didier is qualified as a Doctor in Engineering Materials and as a Chemical Engineer. Practiced in Six Sigma tools. Multilingual and adaptable with proven customer relations experience.

The exciting challenges of the Composites industry have led Reactive Components Limited to develop market-leading products through the years.

- Resins for SPRINT®, prepregs, adhesive and surfacing films for the automotive and marine markets.
- A new generation of cost-effective wind-energy prepregs using an innovative chain-extension reaction.
- A range of high temperature composite car body sheet for offline or inline painting approval, including Class A surfacing film, destined for implementation at a major OEM.
- Toughened tooling board for direct tooling applications, High temperature tooling board for aerospace applications.