

## Marubeni Europe plc expands its horizons with a Polymer Compounding Site (MTC GmbH)

Marubeni is pursuing the “Global Crossvalue Platform”, our vision for the future of the Marubeni Group. We will anticipate the issues and challenges facing society and create innovative solutions for our customers and for the world.



By breaking down barriers within our organisation, building on our existing businesses and expanding into new areas, the Specialty Chemicals Division of Marubeni Europe plc continues to respond to the growing demand of its customers and suppliers. This is the spirit in which “MTC GmbH”, a Polymer Compounding facility based in Germany, was created. This is where individual dreams and visions can be combined with our diverse resources, creating solutions that meet the needs of our times, unconstrained by conventional ideas.

The MTC facility is fully equipped with state-of-the-art devices and machinery with numerous possibilities for Polymer Compounding. This is supplemented by an in-house laboratory for evaluation and testing to meet the highest Quality Standards as well as to support compound development in collaboration with Marubeni.

Marubeni’s team of motivated and highly experienced professionals adds value to our product portfolio by serving the Polymer Compounding Industry with custom-made specialised plastics (thermal and electrical), cable compounds, films and sheets, electrical and electronic materials and high-performance plastics solutions as well as functionalised sustainable products.



The polymer casing for a starting capacitor (pictured) is an example of how we can provide bespoke solutions. Our customer needed a material with temperature resistance peaking at 150°C whilst having impact resistance at temperatures below 0°C.

Using a thermal conductive compound for this application has the advantage of dispersing the energy generated by the “engine”. We developed a MaruComp thermal conductive material by selecting the right base materials and adding raw materials from our own portfolio.

By providing a bespoke solution to meet the exact properties requested, we were able to help the customer achieve both improved performance and cost effectiveness.

**MTC core strengths are:**

- Customised solutions
- Higher responsiveness
- Vast scope and flexibility for Research & Development
- Reduced production time
- Tackling global manufacturing constraints
- Innovative and solution-focused team of experts