



FCM Compliance Management Services

Key to success effective Product Development with TÜV Rheinland

Innovative household products make our life more efficient – for example, automatic coffee machines, smart cookers, and multifunction cutlery items.

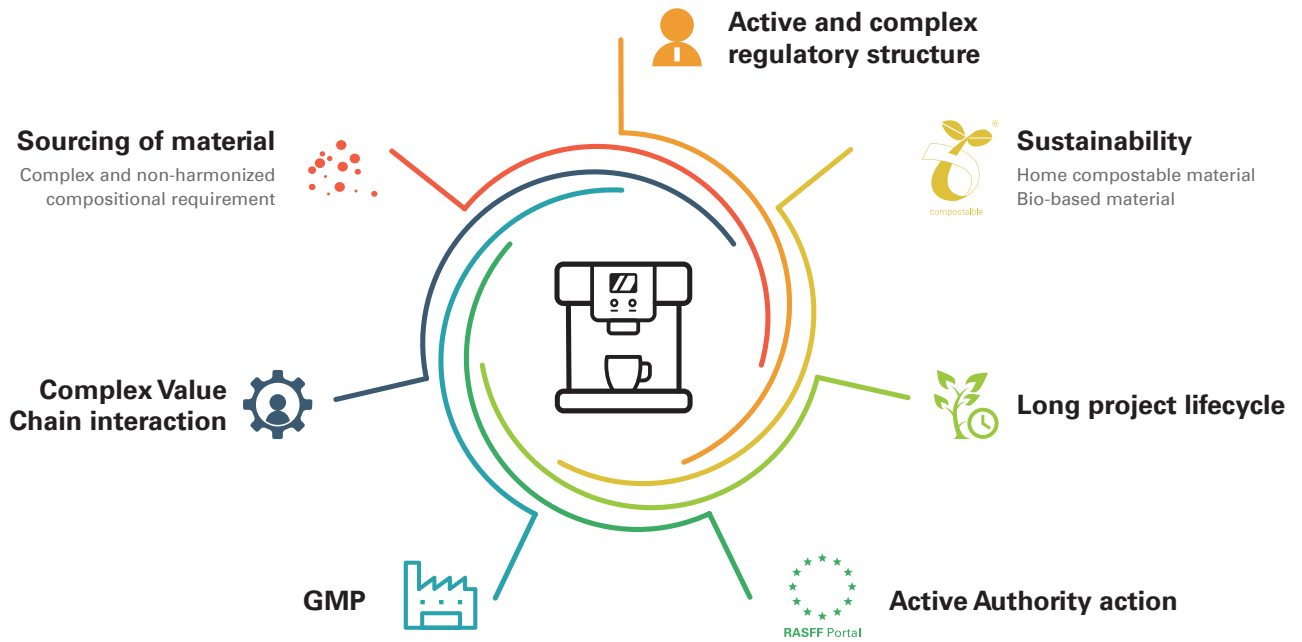
However, product complexity causes much higher challenges in product development, especially in terms of fulfilling compliance requirements for global food contact legislation. The application of electrical components may release harmful substances into food, and from there into the human body. This may result in pure losses driven by customs rejections and market recalls.

Besides electrical appliances, certain emerging materials may be applied for specific functions, such as heat resistance, non-stickiness, or even a stylish outlook. Regulations may be updated from time to time to cover such applications.

Currently, the common practice is to perform test assessments on finished products only. However, this does not address the underlining risks. Uncovering problems from the earliest stage, such as suitable raw material usage, can shorten development time and mitigate failure and loss. Certain countries (Europe, LATAM, FDA, China and Japan and other South east asian countries) have already established a positive list system in their corresponding legislation of materials authorized for use. No matter what the raw test result on the final product is, reducing time in the specific components within the appliance to market by ensuring each compliance step is fulfilled is the key to success and leadership in the market.

Moreover, the trend toward eco-friendly materials (such as compostable, bio-based or recyclable materials) will add complexity to the value chain, therefore increasing risks in tracking and difficulties in conception.

Common challenges from the industry



TÜV Rheinland has developed several innovative technical services providing an End-to-End Compliance solution for your product and your brand! From design of suitable materials to the launch of your product, ensuring compliance to global requirements.

<p>DESIGN OF MATERIALS</p>	<p>NOTIFICATION/PETITION OF NEW MATERIALS</p>	<p>INGREDIENT ASSESSMENT</p>	<p>FITNESS for USE</p> <p>PRODUCT PERFORMANCE</p>
<p>SUPPLIER AUDIT</p> <p>SYSTEM, SOCIAL & ENVIRONMENTAL</p>	<p>INSPECTION</p> <p>VISUAL CONTROL</p>	<p>PRODUCT TESTING</p> <p>FULL OR PARTIAL TESTS</p>	<p>DOC MANAGEMENT</p>

Our global technical team of experts in 12 countries together with our worldwide FCM testing capabilities through an extended network of accredited testing laboratories can assist your product entry into different markets, from fundamental concept to post-manufacturing stages.

Please contact TÜV Rheinland for further information.

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