



TÜV Rheinland Recycled Material Verified Service for Electrical Products

What does Sustainability mean to you?

Sustainability is a major competitive advantage in the consumer world. Consumers are becoming increasingly watchful: what criteria does a seal fulfill and which interest group is behind it?

On the road to sustainable management, all players including brands, retailers and manufacturers need clearly defined goals and a concept for how to achieve them. TÜV Rheinland supports you in the transition to sustainable business.



Recycling promotes circular economy

In response to the risks of environmental degradation and increased waste caused by social development, governments and relevant institutions have begun to encourage responses to the circular economy, starting from recycled materials, recycled design and measures to consolidate durability, creating a sustainable industrial supply chain to save natural resources to slow down global warming. Relevant specifications have been formulated for electronic and electrical products, craft products, plastic products, metal products, glass products, paper products and etc.

Today's recycled material production technology and industrial ecology are becoming more and more mature. Increasing number of international buyers and brands are beginning to pay attention to the application of recycled materials in products and encourage manufacturers to use recycled materials during production to meet environmental protection requirement. However, it is more challenging when we look at how to add recycled materials and what proportion of recycled materials to add without affecting the quality and performance of the finished product. Reasonable supervision and product testing are required as a guarantee.

What are the benefits of TÜV Rheinland Recycled Material Verified Solutions

TÜV Rheinland experts have rich experience in verification services for adding recycled materials and adding proportions to products, as well as recycled material management systems. They can help manufacturers comply with the international standard ISO 14021 (for characteristics such as recyclable, reusable, recycled materials, recycled content and etc.). After passing the technical review, a certification certificate, "Recycled Material Verified" mark and TÜV Rheinland Certipedia serial number will be issued to demonstrate to the market that the product complies with the environmentally friendly circular economy, meets requirements and has quality assurance. Obtaining Recycled Material Verified certification can help you enhance your brand reputation and win the trust of customers with your differentiated advantages.

Our Services

- Recycled material provider audit
- Effectiveness of manufacturing and process of the recycled material management system
- Verification of source and type of recycled materials
- Verification of recycled material and proportion used in product
- Verification of the ability to manufacture recycled materials contained product
- Product Legal or Safety test (Including mechanical test, chemical test and etc.), Functional test optional
- Training services of recycling material management and product legal requirement



Recycled material verification service process



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Applicable Scope



Material Type:

Plastics, Metal, Wood, Paper, Glass

Product Group:

ELECTRICAL PRODUCTS AND ELECTRONICS



Electric
Lawnmower



Robot
Lawnmowers



Electric Drill/
Screwdriver



Sweeper

HOUSEHOLD APPLIANCES



Refrigerator



Coffee maker



Air conditioner



Dish washer

LIGHTING PRODUCTS



Indoor and outdoor
luminaries



Lamps and tubes

IT/AUDIO VISUAL PRODUCT



TV-sets



Desktop computer/
Laptop



Printer/
Scanner



Screen Protector/
Cover



Speaker/
Headset



Adapter/
Charger

AND MORE...



TÜVRheinland[®]
Precisely Right.