



To your benefit. Worldwide.

Toy testing.

With the wide variety of toys available on markets world-wide, comprehensive and expert testing is required, in accordance with national and international regulations and standards.

Legal bases.

Directive 2009/48/EC's current safety standards are stipulated in Annex II to V of the directive and form the basis for toy safety regulations. Based on these general requirements, numerous norms have been developed which are used as the basis for laboratory testing, among other things.

Mechanical/physical tests acc. to EN 71 part 1, 8 and 14 and ASTM F 963.

- Tensile test
- Tip test
- Loading stress test
- Fatigue durability
- Noise measurement
- Magnetic properties
- Test of activity toys and trampolines

Flammability in accordance with EN 71, part 2.

Chemical tests in accordance with EN 71 parts 3, 4, 5, 7, 9-11 and with REACH 1907/2006/EC.

- Migration of certain elements
- Organic chemical compounds
- Phthalate plasticizers

with the „Consumer Product Safety Improvement Act of 2008“ (USA).

- Testing for lead and phthalates

Health safety according to the German code for food stuff, commodities and feeding stuff (LFGB).

- Resistance to saliva and perspiration
- Determination of plasticizers

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Hygiene examination and assessment.

- Improving the design from a microbiological and hygienic aspect (e. g. cleanability)
- Examining the materials used for susceptibility to germination, or resistance to bacteria and moulds
- Resistance to bacteria and fungi
- Testing for sufficient amounts of preservation (e. g. for modelling clay or cosmetics)
- Testing of toy material's microbial growth tendency (e. g. plastic, rubber)

Further tests.

- Electrical safety in accordance with EN 62115
- Electromagnetic compatibility (EMC)
- Radio controlled toys in acc. with R&TTE Directive



Additional services.

- Certifying your products according to GS and PROOF criteria, including awarding a test mark.
- Awarding of the LGA mark "LGA tested Quality"



There are many good reasons.

- Confirmation of your quality claims by a neutral service provider
- External independent quality testing and assurance
- A clear aid to decision making and orientation for your customers

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