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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**Safety aspects related to mechanical and physical properties
comparison of ISO 8124-1, EN 71-1 and ASTM F963**

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foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents" Drafting.

This document is modified using ISO /T R8124-9.2020 "Toy Safety Part 9. ISO 8124-1, EN71-1 and ASTM F963 Machines

Partial Difference Comparison of Mechanical Physical Properties", the document type is adjusted from ISO technical report to my country's national standardization guiding technical document.

The following editorial changes have been made to this document.

--- In order to harmonize with existing standards, change the standard name to "ISO 8124-1, EN71-1 and ASTM F963 Standard Mechanical and Physical Properties

Difference comparison";

--- In the scope of Chapter 1, the description of the standard use object has been added;

--- Deleted Appendix C "Significant editorial and technical changes to this document from previous editions".

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document gives ISO 8124-1.2018, EN71-1.2014 A1.2018 and ASTM F963-17 mechanical physical property requirements

difference comparison.

Unless otherwise specified, the ISO 8124-1, EN71-1 and ASTM F963 standards in this

document have the year numbers given above

codename.

This document is intended for toy manufacturers and agencies that assess whether toys comply with safety standards.

For the convenience of users, Appendix A gives the index table according to the requirements of EN71-1, and Appendix B gives the requirements according to ASTM F963.
index table.

2 Normative references

There are no normative references in this document.

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4 Range difference comparison

The scope of ISO 8124-1, EN71-1 and ASTM F963 standards is basically similar, see Table 1.

Table 1 Scope comparison of standards

ISO 8124-1 EN71-1 ASTM F963

ISO 8124-1 applies to all toys, i.e.

Designed or intended for use under the age of 14

Any product or material that children play with

This European Standard applies to children's toys, i.e. children under 14 years of age

any product designed or intended for use by children in their games or

Materials, whether or not specifically designed for play.

Note. "whether or not specifically designed for play" is added to the scope

Means. not specifically designed for play, but with play

Functional ones are also considered toys, such as keys with teddy bears

The key ring would be considered a toy, shaped like a soft stuffed toy

The sleeping bag is also considered a toy

This specification covers reservations for children under the age of 14

Safety requirements and testing for toys used by children

test method

The types of products exempted by ISO 8124-1, EN71-1 and ASTM F963 are different, see Table 2.

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