

# **Removal force of attached components of children's clothing**

## **DIN CEN/TR 16792, Annex B**

### **Purpose**

The "DIN CEN/TR 16792" gives recommendations for the design and manufacturing of secure children's clothing, regarding mechanical threats. Annex B describes a test method for determining the force required to detach a button from a garment.



### **The test is suitable for**

- Clothing textiles for children up to 14 years
- Caps, Hats
- Scarfs, Shawls
- Gloves
- Socks
- Other clothing accessories

### **The test is not applicable for**

- Items for childcare (diapers, bibs)
- Toys (including carnival costumes)

## Description

The test method for detachment force described in DIN CEN/TR 16792, Annex B is mainly intended for the following components:

- Buttons and tack buttons (jeans buttons)
- Press fasteners including snap fasteners
- Pearls and similar sewn on components >3 mm
- Decorations attached to slide fastener pullers
- Pompoms and tassels

The standard also mentions minimum requirements that must be met to reduce the risk of such components of being detached in use by children.

## Your benefit as a client

- Securing minimum requirements
- Reduction of complaints
- Supporting retailers in the selection of clothing
- Assistance in the design and manufacturing of secure children's clothing regarding mechanical threats

## Requirements for test samples

### **General:**

The tests are performed on ready-made garments.

### **Quantity of material needed:**

A sufficient number of representative test pieces of each type, size and combination of components and fabric should be provided to carry out five individual tests.

### **Testing period:**

After a maximum of 10 working days, you will receive a detailed test report with the descriptions of the test samples and the test results.