

# Juvenile Product Testing



Valued Quality. Delivered.

Like a parent, children's safety is our priority



# When it comes to Juvenile Product challenges, Intertek has the solutions.

## Your Challenges

Companies that produce juvenile products face the daunting challenge of ensuring their products always comply with constantly evolving local and international standards and regulations. It is essential for manufacturers, retailers, suppliers and distributors alike to keep abreast on the latest juvenile product legislations to avoid product recall, continue to build consumer confidence and trust in your product, and ensure the overall sustainability of your brand for years to come. With multiple steps between conception of the product design to the moment it reaches the hands of consumers, how can one ensure their product complies with every check point in the supply chain?

## Our Solutions

Child safety is the paramount concern of every parent or caregiver and the responsibility of the whole community. A safe home, and the safest possible environment should be provided for all children and their surroundings. Intertek strives to achieve this through enhancing the design, safety and quality of juvenile products.

Our testing verifies the construction integrity and material quality of different products in accordance with international standards including the U.S. Code of Federal Regulations title 16, ASTM F963, the Labelling of Hazardous Art Materials, European Standards EN 71 & EN 62115, European Directives, etc.

## Accreditations

Intertek is proud to be an independent testing laboratory for the Juvenile Product Manufacturers Association (JPMA), leading the industry by developing scientific models to simulate and assess the potential hazards of juvenile products. The JPMA currently sponsors 20 certification programs for Juvenile Products, the purpose of which is to assure the consumer, by the presence of a certification seal, that products bearing the seal are in compliance with all sections of the applicable ASTM standards and with federal requirements (16 CFR). Testing by certified organizations is independently validated by Intertek or the testing is done by Intertek directly.

We are represented on a broad range of advisory committees and boards that develop standards, including the American National Standards Institute (ANSI), The Comite Europeen de Normalisation (CEN), American Society of Testing & Materials (ASTM) and the Juvenile Product Manufacturers Association (JPMA).

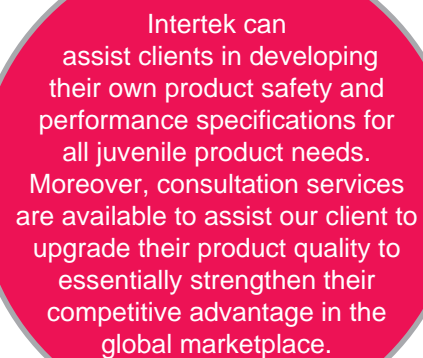
## Juvenile Products

Our testing, inspection and certification services cover a wide range of juvenile products including:

- ***Baby changing tables (commercial or home use)***
- ***Baby's dummies / pacifiers***
- ***Bunk beds***
- ***Carriages / strollers, hand-held infant carriers***
- ***Full-size and non-full size cribs, toddler beds, swings***
- ***Gates / enclosures, play yards***
- ***High chairs, portable hook-on chairs, infant bath seats***
- ***Rattles, baby bottles, toys and others***
- ***Walkers, stationary activity centers, bouncers***

## Physical Test

Many parents have concerns about the mechanical safety of juvenile products. Physical testing is performed to ensure that there are no hazardous sharp edges, sharp points and small parts, and also to minimize potential hazards such as scissoring, shearing, pinching, protrusions, coil springs, loose joints, holes, openings and closings.



Intertek can assist clients in developing their own product safety and performance specifications for all juvenile product needs. Moreover, consultation services are available to assist our client to upgrade their product quality to essentially strengthen their competitive advantage in the global marketplace.



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Our experienced testing teams are specialized in assessing the performance and constructional integrity of different juvenile product groups. Our spectrum of performance tests includes:

- Bite test
- Plastic teething
- Compression test
- Push / pull test
- Disengagement test
- Restraining system integrity test
- Drop test
- Seam tension test
- Dynamic / static load test
- Stability test & overload
- Flexure test
- Tension test
- Impact test / dynamic impact test
- Tipping resistance
- Latching mechanism
- Torque test
- Locking device test

## Material Test

The materials used to produce children's products should be safe for children. For example, the finish and paint of juvenile products should not contain lead or any other toxic substances dangerous to the health and development of children. For baby's dummies (pacifiers), the materials should be safe, and produce no harmful effects from biting, saliva, heat or chemical immersions.

## Inspection Services

Through our comprehensive inspection services, you can be assured that the manufacturing process is capable of producing products of consistently high quality that are safe for children.

**Inspection of Facilities, Machinery and Production Methods** - To ensure that a sufficiently high standard is maintained the quality control system is assessed as part of the investigation of the production process.

**Evaluation of Product Designs and Packaging** - Interior dimensions, component spacing, mattress support attachment, damaged hardware, loose joints, missing parts and sharp edges are investigated and evaluated to ensure safety standards are met.

**Labeling Assessments** - Labels are assessed to ensure that appropriate product and usage information, warnings and caution statements are provided to consumers, as well as general instructions on assembly to assure products are constructed correctly and securely.

## Flammability Test

- Cigarette Test
- Ignition Resistance Test
- Flaming and Smoldering Screening Test
- Match Test



# Intertek

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At Intertek, our time-tested service, wealth of experience, and depth of knowledge allow us to offer solutions dedicated to helping you navigate the regulatory process. Intertek delivers the precision you need, with the speed to market you are looking for.

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