

Testing

Food contact articles testing

Ensure safety, compliance and performance across global markets



Food contact articles testing



Materials that come into contact with food – whether packaging, serving or cooking products – are regulated for the health and safety of consumers who use them to ensure physical and chemical properties comply with various regulations and standards.



Overview

It is essential to ensure the safety and quality of your food contact products that consumers use every day in their homes, in order to protect health and well-being, and also foster brand loyalty in a competitive marketplace.

Intertek Solution

Intertek experts work with you to ensure your food contact products, including plates, glasses, flatware, cutlery, cookware, bakeware, kitchen gadgets, travel cups, thermal food containers and more, meet national regulations and align with globally recognised standards such as ASTM and EN.

Standards Testing

As food contact articles are used to facilitate cooking, eating and drinking, it is crucial that they are safe to use and will not transfer any hazardous chemicals into the food during use. These products can be made from a wide range of materials such as glass, ceramic, plastic, stainless steel, enamel.

Intertek offers regulatory compliance testing for all the major food contact chemical safety legislation around the world, including the following:

- US – Food and Drug Administration (FDA) food contact articles requirements, as well as state requirements such as California's Proposition 65
- Europe – Regulation (EC) 1935/2004 for General Food Contact Articles Compliance, Regulation (EU) 10/2011 for Plasticware, Council Directive 84/500/EEC for Ceramics, plus specific national requirements such as Germany, Italy and France
- China – GB 4806

- Japan – Food Sanitation Act
- Korea – Ministry of Food and Drug Safety

Quality & Performance Testing

Intertek also offers a complete range of physical and mechanical tests, to ensure the quality, reliability and endurance of your food contact products, including:

- Dishwasher safe /handwash test
- Microwave safe
- Thermal shock/crazing resistance
- Handle strength at cold & hot condition
- Impact resistance
- Coating performance (scratch, adhesion and abrasion)
- Annealing properties
- Flammability
- Insulation properties
- Corrosion resistance
- Durability assessment
- Labeling assessment
- Performance benchmarking

Chemical Testing

- Total Lead
- Total Cadmium
- Total phthalate content
- PAH Content
- BPA content
- Overall/ Global Migration
- Specific Migration
- Total FluorGHL-FCA-V1-0920E

Why Intertek

- Global expertise with local laboratory support
- Fast turnaround for export and domestic markets
- End-to-end ATIC solutions
- Consistent, trusted reporting that helps strengthen buyer confidence
- Access to Intertek's wider global network when extended testing is required

For more information



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