



Household Utensils



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Intertek's global reach is our major strength linking suppliers in one part of the world with buyers in another. We independently inspect factories and goods in the countries of origin across the whole supply chain on behalf of clients and consumers located in the products' final market. In fact, we can test the same product to a range of international standards if required.

Intertek has 576 offices offering inspection, auditing and certification services and 338 laboratories worldwide providing a wide range of standard and custom testing programmes.

Our resources are strategically placed, providing appropriate services in each country. These needs

are continuously reassessed, and we are constantly evaluating manufacturing and market trends to best serve our customers.

Intertek is in the ideal position to help our customers and clients meet the Quality, Safety and Ethical standards irrespective of their, or their customer's location in

the world. Our mix of testing, inspection, auditing and consultancy services is unparalleled in the consumer goods arena making Intertek the supplier of choice for many of the world's leading brands.

What is the perfect kitchen? It is a gathering place where cooking is a pleasure in a comfortable and safe environment. Central to this is the performance characteristics and safety of household and cooking utensils.

Plastic handles that are attached to the utensil can melt and crack during heating on a range top, posing burn and fire hazards to consumers either when touched or in extreme cases from molten material dripping from the item.

Household utensils requiring consideration of safety and performance issues include, kitchen utensils such as ceramic and enamel ware, cookware, kettles, coffee makers, table cutlery, insulated domestic food containers, hot water bottles, thermal packs and drink coolers and domestic oven gloves etc.

At Intertek, we can conduct safety and performance tests to national and international standards such as ASTM, BS, EN, etc.

Intertek tests most domestic utensils. Shown below are some of the more common examples.

Ceramic and Enamel Ware

Tests for these products include water absorption, dishwasher safe, microwave safe, thermal shock endurance, thermal shock resistance of glass containers, leachable lead and cadmium.

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Cookware

Cookware requires testing against construction, performance and marking, and labelling requirements.

Construction requirement covers body, lids, handles and knobs, non-stick surfaces. Non-sticks surfaces include abrasion resistance testing, adhesion testing, scratch resistance and non-stick performance tests.

Performance requirement covers handles and knobs, leakage, deformation, pouring and non-stick surfaces, and handle assemblies and their attachment to cookware.

Kettles

Include material and construction, performance and labelling. Whistle performance, pouring performance and fatigue resistance of handle are also tested.

Cutlery

Cutlery includes those for kitchen use and tabletop use - knives, forks, spoons, carving sets, ladles and other serving pieces. Tests include corrosion resistance, resistance to dropping, strength and

firmness of handle attachment, hardness of blade and resistance of plastic handle to distortion in hot water, etc.

Insulated Domestic Food Containers includes vacuum ware / insulated flasks, jars and jugs, and cooler bags / boxes.

For vacuum ware / insulated flasks, jars and jugs, tests include construction requirements, thermal insulation, corrosion of metal components, toxic elements, adhesion of surface coatings, pouring, stability, heat loss, leakage, total immersion, impact, handle strength and marking & labelling.

For cooler bags / boxes, tests include corrosion of metal components, toxic elements, adhesion of surface coatings, slide fasteners and textile components, colour fastness of textile components, such as colour fastness to rubbing and water. Construction requirements includes finish (sharp point, sharp edge assessment), construction requirements for insulated media,

handles, stability, heat gain, seepage, impact, handle strength and marking & labelling.

Rubber Hot Water Bottle

Tests includes thickness and capacity, leakage, strength of boned seams and closures.

Thermal Packs and Drink Coolers

Product tests include sterility of content, corrosion of metal components, toxic elements, adhesion of surface coating, finish and performance, and marking.

Domestic Oven Gloves

Testing includes materials (ironing test), thermal insulation and dimensions.

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