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GB 4806.7-2016

National Food Safety Standard – Food Contact Used Plastic Materials and Products

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Table of Contents

Foreword.....	3
1 Scope	4
2 Terms and Definitions.....	4
3 Basic Requirements	4
4 Technical Requirements.....	4
5 Others	6

Foreword

This Standard replaces the parts that are relating to finished products in the following standards, including GB 9681-1988 *Hygienic Standard of Products of Polyvinyl Chloride for Food Packaging*, GB 9687-1988 *Hygienic Standard for Polyethylene Products Used as Food Containers and Table Wares*, GB 9688-1988 *Hygienic Standard for Polypropylene Products Used as Food Containers and Table Wares*, GB 9689-1988 *Hygienic Standard for Polystyrene Products Used as Food Containers and Table Wares*, GB 9690-2009 *Hygienic Standard for Melamine-Formaldehyde Products Used as Food Containers and Packaging Materials*, GB 13113-1991 *Hygienic Standard for Polyethylene Terephthalate Products Used as Food Containers and Packaging Materials*, GB 14942-1994 *Hygienic Standard for Polycarbonate Products Used as Food Containers and Packaging Materials*, GB 14944-1994 *Hygienic Standard for Bottle Sheet and Granular Materials of Polyvinyl Chloride for Food Packaging*, GB 16332-1996 *Hygienic Standard of Products of Nylon for Food Packaging Material*, GB 17326-1998 *Hygienic Standard for Rubber-Modified Acrylonitrile-Butadiene-Styrene Products Used as Food Containers and Packaging Materials*, GB 17327-1998 *Hygienic Standard for Acrylonitrile-Styrene Products Used as Food Containers and Packaging Materials*, and GB 13115-1991 *Hygienic Standard for unsaturated polyester resin and glass fiber reinforced plastics used as food containers and packaging materials*.

Compared with the above listed standards, this Standard mainly has the following changes:

- Modified the standard name into “National Food Safety Standard on Food Contact Used Plastic Materials and Products”;
- Modified the scope;
- Added terms and definitions;
- Added basic requirements;
- Added raw material requirements;
- Added physical and chemical indicators;
- Added the general requirements of migration test;
- Added label identification requirements.

National Food Safety Standard on Food Contact Used Plastic Materials and Products

1 Scope

This Standard is applicable to the food contact used plastic materials and products, which include non-vulcanized thermoplastic elastomer materials and products.

2 Terms and Definitions

2.1 Plastic materials

Take one or several resins and prepolymers as the main structural components, adding or not adding additives; process, under certain temperature and pressure, into polymer materials with certain shapes and in the state between resins and plastic products; it includes plastic particles (or slices), masterbatches, sheets, etc.

2.2 Plastic products

Take plastic resins or plastic materials as the raw materials, adding or not adding additives; forming processing the finished products with certain shapes.

2.3 Masterbatches

The condensation products that are made through loading excessive additives (such as colorants, fillers, fibers, stabilizers) that influencing the physical characteristics of plastic materials and products to one or several resins; it can be processed into other plastic materials and finished products through mixed usage with resins and pellets.

3 Basic Requirements

The food contact used plastic materials and products shall conform to the provisions of GB 4806.1.

4 Technical Requirements

4.1 Raw material requirements