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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 1888.13-2007

**Hygienic standard for export and import irradiated food
containers and packaging materials. Part 13: Products of
polyethylene terephthalate**

进出口辐照食品包装容器及材料卫生标准 第13部分：聚对苯二甲酸乙二醇酯成型
品

(English Translation)

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Foreword

SN/T 1888 "Importers irradiated food packaging containers and materials hygiene standards" is divided into 13 parts.

- Part 1. polypropylene resin;
- Part 2. polypropylene molded article;
- Part 3. Nylon molded article;
- Part 4. polyethylene products;
- Part 5. PVC moldings;
- Part 6. polystyrene resin;
- Part 7. polystyrene products;
- Part 8. vinylidene chloride - vinyl chloride copolymer resin;
- Part 9. polyvinyl chloride resin;
- Part 10. Polycarbonate resin;
- Part 11. polyethylene terephthalate resin;
- Part 12. glass products;
- Part 13. polyethylene terephthalate molded article.

This section SN/T 1888 Part 13.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

This section is drafted. Tianjin People's Republic of China Exit Inspection and Quarantine.

1 Scope

SN/T 1888 provisions of this part of the import and export of irradiated food containers and packaging materials used polyethylene terephthalate molded article Health requirements and test methods.

This section applies to food packaging polyethylene terephthalate resin as raw materials, injection stretch blow into the legal container and thin Film, can be used to hold beverages, food seasonings, edible oils and fats as well as a composite food packaging bags composite.

2 Normative references

The following documents contain provisions which, through reference SN/T 1888 this section, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 5009.60 food packaging, polyethylene, polystyrene, polypropylene moldings health standard analytical methods of GB/T 5009.101 food containers and packaging materials in polyester resin and molded article was measured antimony GB 9685 food containers and packaging materials additives health standards GB/T 18524 General requirements for food irradiation

3 Terms and Definitions

The following terms and definitions apply to SN/T 1888 of this section.

In order to achieve some practical purpose, according to the irradiation process specification requirements, after a certain dose of ionizing radiation irradiated food.

Any ionizing radiation, the average energy per unit mass of the grant, the unit name Ge (Switzerland), symbol Gy, $1\text{Gy} = 1\text{J/kg}$, 1kGy table 1000J shown 1kg material to absorb energy.

4.1 Requirements for raw materials

Where the irradiation of polyethylene terephthalate molded article in the production and quality before irradiation should be consistent with the corresponding food packaging companies Wei Health and hygiene norms and the relevant national standards. Feed additives used should meet the requirements of GB 9685.

4.2.1 Dose limit

Polyethylene terephthalate moldings energy by ^{60}Co or ^{137}Cs gamma rays or electron accelerator is less than the electrical 10MeV Beam irradiation, the overall average absorbed dose shall not exceed 60kGy.

4.2.2 Requirements irradiation

Uniform irradiation, the dose accurately, the average absorbed dose distribution unevenness ≤ 1.5 . Unevenness in accordance with Test Method GB/T 18524 in.