

ICS 67.250
CCS X 04

SN

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

SN/T 1891.8-2007

**Hygienic standard for import and export microwave food
containers and packaging materials. Part 8: Polycarbonate resin**

进出口微波食品包装容器及包装材料卫生标准 第8部分：聚碳酸酯树脂

(English Translation)

Issued on: August 6, 2007

Implemented on: March 1, 2008

Issued by: General Administration of Customs

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Foreword

SN/T 1891 "Importers microwave food containers and packaging materials hygiene standards" is divided into 13 parts.

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

This section SN/T 1891 Part 8.

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 1891 This section specifies hygiene requirements and test methods Importers microwave food containers and packaging materials polycarbonate resin.

This section applies to a bisphenol A type polycarbonate resin melt polymerization method formation. It can be used to make direct or indirect contact with the import and export Microwave food containers and packaging materials, but should not be exposed to high concentrations of ethanol food.

2 Normative references

The following documents contain provisions which, through reference SN/T 1891 to the present, constitute provisions of this section. For dated references, all subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encourage an agreement under this section Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 5009.58 food packaging analysis of hygienic standard of polyethylene resin GB/T 5009.60 food packaging, polyethylene, polystyrene, polypropylene moldings health standard analytical methods of GB/T 14074 test methods for wood adhesives and resins

3 Terms and Definitions

The following terms and definitions apply to SN/T 1891 to the present section.

With a heating system for the 2450MHz frequency band of electromagnetic waves.

4.1 Sensory Index

Colorless or slightly yellow transparent particles can not be a foreign body odor.

High-frequency microwave heating indicator 4.2 it appears to be no spark, no defects and anomalies.

4.3 Physical indicators

Physical and chemical indicators should be consistent with the requirements of Table 1.

Table 1 Physical and chemical items and indicators

Item Index

Dissolution test

Extract/(mg/L)

Water, reflux 6h ≤ 15 20% ethanol, refluxed for 6h ≤ 15 4% acetic acid at reflux for 6h ≤

15 N- heptane, refluxed for 6h $\leq$ 15 Consumption of potassium permanganate (distilled water, reflux 6h)/(mg/L) $\leq$ 10 Phenol (distilled water, reflux 6h)/(mg/L) $\leq$ 0.05 Heavy Metal/(mg/L) 4% acetic acid, refluxed for 6h $\leq$ If more than 100 °C material used was 95 °C, 0.5h $\leq$