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NATIONAL STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

GB 17326-1998

Hygienic standard for rubber-modified acrylonitrile-
butadiene-styrene products used as food containers
and packaging materials

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Foreword

Rubber-modified acrylonitrile-butadiene-styrene (ABS) is thermoplastic engineering plastics. It has been widely used in food containers and food processing machinery equipment. This standard references to those contents related to ABS in USA FDA 21 CFR 177.102 and other health national standards of plastic products.

This standard was first-time released in April 1998.

This standard was proposed by Ministry of Health of the People's Republic of China.

Responsible drafting organizations of this standard: Shanghai Food Hygiene Supervision and Inspection Institute, Guangxi Autonomous Region Food Hygiene Food Hygiene Supervision and Inspection Institute, and Gansu Provincial Health and Epidemic Prevention Station.

The main drafters of this standard: Gu Zhenhua, Lu Yi, Kong Zhongfu, Luo Congbiao, and Yang Wenjun.

This standard shall be responsibly interpreted by the focal point Chinese Academy of Preventive Medicine which is commissioned by the Ministry of Health.

Hygienic standard for rubber-modified acrylonitrile-butadiene-styrene products used as food containers and packaging materials

1 Scope

This standard specifies the hygienic requirements and test methods of rubber-modified acrylonitrile-butadiene-styrene (ABS) products.

This standard applies to the containers, made of materials of which the rubber-modified acrylonitrile-butadiene-styrene copolymer resin is the raw material and is used for food containers and packaging material; food processing machinery and equipment; contactable drinks; low-alcohol wines; and grease food.

2 Reference standards

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication of this standard, the editions indicated were valid. All standards are subject to revision, the parties who use this standard should explore the possibility of using the latest version of the following standards.

GB/T 5009.60-1996 Method for analysis of hygienic standard of products of polyethylene, polystyrene and polypropylene for food packaging

GB/T 17338-1998 Determination of residual acrylonitrile monomer in styrene-acrylonitrile copolymers and rubber-modified acrylonitrile-butadiene-styrene resins and their products used for food packaging

3 Health requirements

3.1 Sensory indicators

Normal color, without smell, no impurities.

3.2 Physiochemical indicators

Physiochemical indicators shall comply with provisions in Table 1.

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