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NATIONAL STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

GB 16332-1996

**Hygienic standard of products of nylon
for food packaging material**

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Hygienic standard of products of nylon for food packaging material

1 Main contents and application scope

This Standard specifies the hygienic requirements and test methods of nylon products for food packaging material.

This Standard is applicable to various finished-products, of which the main raw materials are based on the nylon resin for food packaging, through manufacturing process, such as various food containers, packaging materials, and food industry equipment and devices,

2 Reference standards

GB 5009.60 Method for analysis of hygienic standard of products of polyethylene, polystyrene and polypropylene for food packaging;

GB/T 14966 Determination of caprolactam in nylon 6 resin and its products.

3 Hygienic requirements

3.1 Sensory Index

The appearance shall be smooth, and in normal color. It must not come with odor, or with foreign substance.

3.2 Physicochemical index

Physicochemical indexes shall meet the requirements of following table.

Item		Index
Caprolactam ¹⁾ , mg/L	≤	15
Evaporation residue, mg/L		
Water, 60°C, 30min	≤	30

Main drafters of this Standard: Zhang Lijuan, Lu Guihua, Dong Shanwu, and Wang Jumin.

This Standard shall be responsibly interpreted by the technical organization Food Hygiene Supervision Inspection Station of Ministry of Health, commissioned by Ministry of Health.

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