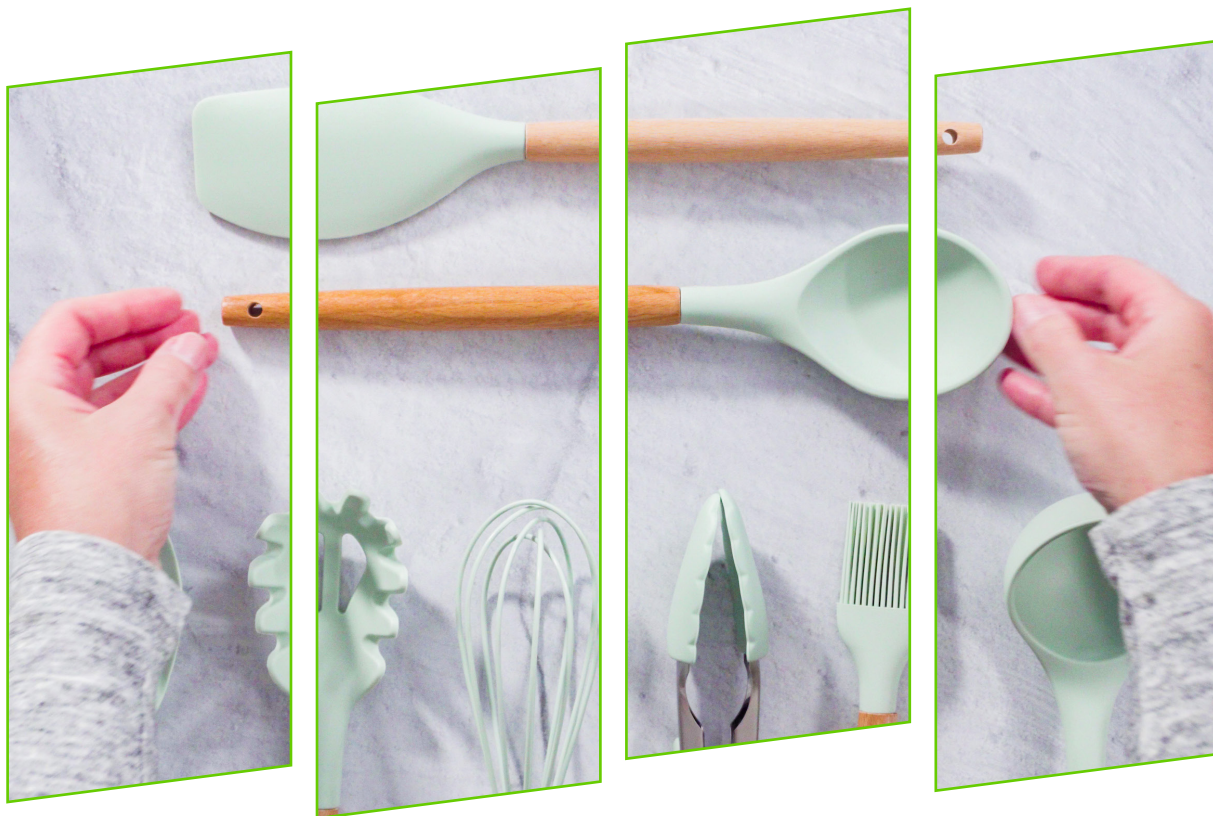




GB 4806.11-2023

National Food Safety Standard Food Contact Rubber Materials and Articles

食品安全国家标准 食品接触用橡胶材料及制品

National Health Commission of the People's
Republic of China
State Administration for Market Regulation of the
People's Republic of China

Release Date: Sept. 06, 2023
Implementation Date: Sept. 06, 2024

Translated by ChemLinked

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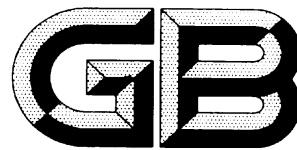
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National Health Commission of the People's Republic of China
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Foreword

This standard replaces the relevant requirements for rubber materials and articles in GB 4806.11-2016 "National Food Safety Standard Food Contact Rubber Materials and Articles", as well as the basic raw materials for rubbers in the Announcements (No. 14 of 2013, No. 14 of 2014, No. 5 of 2016, and No. 7 of 2016) of the former National Health and Family Planning Commission, and Announcement No. 4 of 2020 of the National Health Commission.

Compared with the above-mentioned standards and announcements, the main changes of this standard are as follows:

- the scope has been revised;
- the terms and definitions have been revised;
- the raw material requirements have been revised;
- the physicochemical indicators have been revised;
- other technical requirements have been added;
- the migration test requirements have been revised;
- the Annex A has been revised.

National Food Safety Standard

Food Contact Rubber Materials and Articles

1 Scope

This standard applies to food contact rubber materials and articles.

2 Terms and Definitions

2.1 Food contact rubber materials and articles

Materials and articles mainly made from natural rubbers, synthetic rubbers, or vulcanized thermoplastic elastomers, which have or are expected to come into contact with food or food additives under normal conditions of use, or of which the components may migrate into food.

3 Basic Requirements

Food contact rubber materials and articles shall comply with the provisions of GB 4806.1.

4 Technical Requirements

4.1 Raw material requirements

4.1.1 The use of basic raw materials for natural and synthetic rubbers in food contact rubber materials and articles shall comply with the provisions of Annex A in this standard and relevant announcements. The use of basic raw materials for vulcanized thermoplastic elastomers shall comply with the provisions of Annex A in GB 4806.7-2023 and relevant announcements.

4.1.2 The use of additives in food contact rubber materials and articles shall comply with the provisions of GB 9685 and relevant announcements.

4.2 Sensory requirements

The sensory requirements of food contact rubber materials and articles shall comply with the provisions of Table 1.



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