

Mandatory Standard GB 38995-2020 Infant Feeding Bottles and Teats is Published by State Administration of Market Regulation (standardization administration) and Effective November 1, 2021

Feeding bottles and teats are common products in the market, and their quality performance matters to the growth and health of infants. Chinese State administration of market regulation (standardization administration) has published mandatory standard GB 38995-2020 Infant feeding bottles and teats recently. This standard stipulates the safety, labelling, and other requirements, which will be implemented from Nov 1st, 2021.

This standard is focused on physical safety properties, it specifies detailed requirements from product labelling to the proper usage by consumer in order to lower risks. Infant feeding bottles and teats also need to comply with mandatory national food contact safety standards for materials and products. Below are the abstracts of the standard, please refer to official standard for details.

Section	Abstracts
1 Scope	<ul style="list-style-type: none"> Specifies technical requirements, test methods, inspection rules, labelling, transportation and storage of infant feeding bottles and teats. Applies to infant feeding bottles and teats (bottles, teats, and auxiliary components) that made of plastic, glass, metal, ceramic, silicon rubber, rubber or combination of those materials. Does not apply to clinical medical feeding bottles and pacifiers.
2 Normative references	<ul style="list-style-type: none"> Provides normative references.
3 Terms and definitions	<ul style="list-style-type: none"> Provides description and definitions of various components of feeding bottles.
4 Technical requirements	
4.1 General requirements	
4.1.1 Components	<ul style="list-style-type: none"> Shall tidy, clean without foreign object; shall have no chips, holes, deformations that obstruct use (except designed feature). Feeding bottles and each component shall have no sharp edges and sharp points that may cause harm or danger. Products for repeated use, the printed pattern shall meet level 1 printing ink adhesion requirements according to GB/T 9286. Specifies requirements of volumetric graduation and nominal capacity, including the minimal volumetric graduation, unit and volumetric accuracy. Shall have no small parts (except through hole pins and gravity balls that demand warnings). Specifies minimum diameter of sealing disc, shall $\geq 35\text{mm}$. Shall have puncture and tensile resistance.
4.1.2 Systematic properties	<ul style="list-style-type: none"> Feeding bottle components shall fit with each other together. Shall have no distort or damage after boiling water test (except soda lime glass). Shall have no crack or breakage after thermal shock test. Shall have no leakage after boiling water and thermal shock test.(except feeding teats) Volumetric graduation and fluid level within bottle must be clearly visible (except metallic bottles). Teats and other components for drinking shall meet requirements about safety size, length, security/retention test, flexibility and dropping test. (glass and ceramic bottles with safety warning are exempted from dropping test requirements)
4.2 Additional requirements	<ul style="list-style-type: none"> Plastic bottle shall have compression resistance, glass bottle shall have thermal shock resistance, hydrolytic resistance, stress and mechanical impact resistance properties.
5 Test methods	<ul style="list-style-type: none"> Specifies preparation of testing samples, and test methods of each parameter.
6 Inspection rules	<ul style="list-style-type: none"> Specifies inspection scheme and decision rules.

Section	Abstracts
7 labelling, transportation and storage.	
7.1 Labeling	<ul style="list-style-type: none"> • Specifies general rules of labeling, such as written in Simplified Chinese, font size, etc., especially pointed out instruction for use shall reflect actual nature when using the products, rather than compensate the defects due to product design. • Specifies purchase information shall be provided on product or sales packaging. • Materials of feeding bottle and teats shall be labelled by components. • Shall have proper instruction for use. • Specifies warnings for products, and additional warnings for specific circumstances. • Specifies warning for heating, particular to microwavable products. • Specifies ways of labelling.
7.2 Transportation and storage.	<ul style="list-style-type: none"> • Specifies requirements of transportation and storage.

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