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

GB/T 9987-2011

Replacing GB/T 9987-1988

Glass contains -- Manufacture -- Vocabulary

玻璃瓶罐制造术语

(English Translation)

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All parts of the 2.6 type of glass, cans and bottles of the type

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 9987-1988 "Bolipingguan manufacturing term." This standard vocabulary collected a total of twelve hundred pieces, arranged in categories

2.1.2 In addition to increasing the sequence of broken glass, the other with the GB/T 9987-1988 basically the same, the number of entries in each subclass and GB/T 9987-Compared to 1988 has increased to varying degrees, so the total number of entries than the GB/T 9987-1988 greatly increased in recent years, the development of new Processes, new products are involved.

This revised standard adopts ISO 7348:1992 (2007) "Container Glass Manufacturing term" (in English). Order entry and ISO 7348 Basically the same, and in accordance with China's actual production and Chinese idioms to a small provision was changed.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee household glass (SAC/TC377) centralized.

This standard was drafted. Donghua University, the National Optical glass enamels Quality Supervision and Inspection Center.

1 Scope

This standard specifies the manufacture of glass containers covered with raw materials, process and product-related terminology and definitions.

This standard applies to automated or semi-automated manufacturing process, the container is usually made of soda-lime-silica glass, such as bottles and cans.

2.1.1 Raw rawmaterials

2.1.1.1

Alkali

Potassium hydroxide (KOH), sodium hydroxide popular term (NaOH) and other alkaline substances.

2.1.1.2

Caustic potash Glass raw materials or potassium carbonate, potassium hydroxide component.

2.1.1.3

Soda soda

Glass material or sodium carbonate sodium oxide (Na₂O) component.

2.1.1.4

Soda sodaash

Sodium carbonate (Na₂CO₃) industry name, soda-lime-silica glass, sodium oxide (Na₂O) the main source component.

2.1.1.5

Alumina (Al₂O₃) alumina the batch to adjust the viscosity of the molten glass and glass products improve one component of chemical stability.

2.1.1.6

Aluminum hydroxide [Al (OH) ₃] hydratedalumina as a raw material for introducing the batch of alumina.

2.1.1.7

Feldspar (R₂O · Al₂O₃ · 6SiO₂) feldspar; feldspar Containing aluminum silicate and metal silicates other natural minerals.

2.1.1.8

Mica mica

Natural alkali metal aluminum silicate mineral, feldspar and often coexist.

2.1.1.9

Nepheline

A popular term of nepheline syenite.