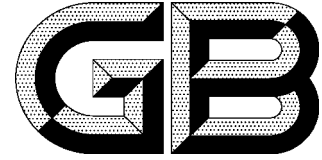


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National Standard of the People's Republic of China

GB 13115—1991

**Hygienic standard for
unsaturated polyester resin and
glass fibre reinforced plastics used as
food containers and packaging materials**

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Hygienic standard for
unsaturated polyester resin and
glass fibre reinforced plastics used as
food containers and packaging materials

GB 13115—1991

1 Scope

This standard specifies the hygienic requirements for unsaturated polyester resin and food containers made from unsaturated polyester resin and glass fibre reinforced plastics used as packaging materials (hereinafter referred to as glass fibre reinforced containers).

This standard is applicable to liquid unsaturated polyester resin made from polyester and styrene. Polyester is produced from polyol, unsaturated dicarboxylic acid anhydrides and saturated dicarboxylic acid anhydrides, etc. as main raw material and adding the styrene. It is also applicable to the glass fibre reinforced containers made from above mentioned resin plus methyl ethyl ketone peroxide as initiator, cobalt naphthenate as catalyst and glass fibre as reinforced material, which can be used for containing meat, vegetables, aquatic products, beverage, wines and other foods.

2 Organoleptic requirements

The organoleptic requirements shall conform to the specifications in Table 1.

Table 1

Samples	Requirements
Resin	Light yellow transparent liquid, free from mechanical impurity.
Resin template	Even and flat surface, free from obvious bubble, crack, exposure of fibre and layering, etc. .
Glass fibre reinforced container	Free from deformation, dissolution and bleaching after soaking.
Soak solution	Colorless, free from foreign odor, foreign taste, turbidity and sediment.

Note: This is an official translation of the Chinese (GB 13115—1991). The Chinese version shall prevail in case of any technological contradiction between the English and Chinese versions.