



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

GB/T 1664-1995

Replacing GB 1664-1981

Plasticizers - Determination of colour

增塑剂外观色度的测定

(English Translation)

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1 Subject contents and applicable scope

This Standard specifies the colour determination method of plasticizers.

This Standard applies to the plasticizers, including phthalate esters, sebacic acid esters, adipic acid esters, triphenyl phosphate, tricresyl phosphate, chlorinated paraffin-52, and other transparent liquid.

2 Principle

USE visual method to compare the sample colour with the standard colour. EXPRESS the results in unit of "platinum-cobalt colour".

3 Definition

Unit of platinum-cobalt colour. The solution colour refers to the colour shown when there are 1mg of platinum in the form of chloroplatinic acid and 2mg of cobalt chloride hexahydrate in per liter of solution.

4 Reagents

4.1

Cobalt chloride (GB/T 1270). $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$, analytical reagent;

4.2

Potassium chloroplatinate. Analytical reagent.

4.3

Hydrochloric acid (GB/T 622). Analytical reagent.

4.4

Distilled water. Redistilled water.

5 Instruments

5.1

Colorimetric tube. 100mL and 50mL colorless colorimetric tubes with ground-glass stoppers.