

Translated English of Chinese Standard: GB/T1676-2008

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ICS 71.100.40; 83.040.30

G 70

National Standard

of the People's Republic of China

GB/T 1676-2008

Replacing GB/T 1676-1981

Determinating the iodine value of plasticizers

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Issued on: June 18, 2008

Implemented on: February 1, 2009

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;

Committee of Standardization Administration of the People's Republic of China.

Table of Contents

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Term and definition	4
4 Reagents and solution.....	4
5 Instruments.....	5
6 Analysis steps	5
7 Result calculation	6
8 Allowable error	6

Foreword

This Standard replaces GB/T 1676-1981 “Determinating the iodine value of plasticizers”.

There is no technical difference between this Standard and GB/T 1676-1981.

This Standard was proposed by China Petroleum and Chemical Industry Federation.

This Standard shall be under the jurisdiction of the Chemical Auxiliaries Technical Sub-committee of National Standardization Technology Committee of Rubber and Rubber Products.

Responsible drafting organizations of this Standard: Hengyang Solvent Factory, and Shanxi Chemical Research Institute.

Main drafter of this Standard: An Fang.

The previous released versions replaced by this Standard are as follows:

- GB/T 1676-1979 and GB/T 1676-1981.

Determinating the iodine value of plasticizers

1 Scope

This Standard specifies the method to determine the iodine value of plasticizers.

This Standard applies to the determination of the iodine value of plasticizers.

2 Normative references

The provisions in the following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard. However, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest versions apply to this Standard.

GB/T 601 Chemical reagent – Preparations of standard volumetric solutions

GB/T 603 Chemical reagent – Preparations of reagent solutions for use in test methods (GB/T 603-2002, ISO 6353-1:1982, NEQ)

GB/T 6682 Water for analytical laboratory use – Specification and test methods (GB/T 6682-2008, ISO 3696:1987, MOD)

3 Term and definition

The following term and definition apply to this Standard.

3.1 Iodine value

The grams of the iodine that is absorbed by 100g of test sample, named as the iodine value.

4 Reagents and solution

Unless otherwise specified, only the Grade-3 water or the water with the equivalent purity specified in GB/T 6682 shall be used during the analysis. Without any other specified requirements, the standard titration solution, preparations and products used during the analysis shall be prepared according to the requirements specified in GB/T 601 and GB/T 603.

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