

ICS 71.100.99

CCS B72



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

GB/T 14021-2009

Replacing GB/T 14021-1992

Maleated rosin

马来松香

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Foreword

This standard replaces GB/T 14021-1992 "maleic rosin." This standard compared with GB/T 14021-1992 main changes are as follows:

--- Increased Chapter 3, "Terms and Definitions";

--- Added "measuring

5.1 Appearance (applies to 103 maleic rosin)";

6.1 Inspection classification";

--- Embodied in the flag that identifies the batch method, which gives the product traceability. This standard was proposed by the State Forestry Administration. The standard by the China Academy of Forestry Forest Research Institute of Chemical Industry. This standard is drafted by: Nanjing Forestry University. The main drafters of this standard. Luojin Yue, Zeng Tao, Ni Chuan-root. This standard replaces the standards previously issued as follows:

--- GB/T 14021-1992. Maleic rosin

1 Scope

GB/T 14021-2009 is the Chinese national standard on maleated rosin, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 May 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 71.100.99, CCS B72. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the maleic rosin technical requirements, test methods, inspection

rules, and packaging, labeling, transport and storage. This standard applies to the gum rosin and maleic anhydride (maleic anhydride) obtained from addition reaction of maleic rosin.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 8146 Test Methods for Rosin LY/T 1145 Rosin drums

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Part gum rosin resin acids and maleic anhydride (maleic anhydride) from the Diels - Alder reaction product obtained (Diels-Alder). Maleic rosin is an amorphous, transparent solid resin. Wherein the molecular formula, relative molecular mass and structural formula adduct as follows: Molecular formula. $C_{24}H_{32}O_5$; Molecular weight. 400.52 (according to 2001 international relative atomic mass); Structure. 4. Technical Requirements Product specification requirements of the indicators are shown in Table 1. Table 1 maleic rosin Specifications project index 115 Malay Malay rosin rosin a 103 b Appearance transparent solid Colour Red brown color red Not deep in the "Chinese rosin color grading standards" - five