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

GB/T 35502-2017

**Reclaimed natural rubber -- Evaluation procedure
(English Translation)**

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Foreword

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

This standard uses the redrafted Law Reference ISO/T S16095..2014 "Recycled rubber made from natural rubber-based rubber products Evaluation method "prepared, and ISO/T S16095..2014 degree of consistency is not equivalent.

This standard proposed by the China Petroleum and Chemical Industry Federation.

This standard by the National Rubber and Rubber Products Standardization Technical Committee (SAC/TC35) centralized.

This standard was drafted. Shenyang Rubber Research and Design Institute Co., Ltd., Fujian Branch of Central Chemical Rubber Group Co., Ltd., Fujian Province, the quality of products Quantity Inspection Institute, Hangzhou Zhongce Rubber Co., Ltd., Xiamen Zhong Wang Hongtai Environmental Protection Technology Co., Ltd.

1 Scope

This standard specifies the evaluation of physical and chemical test methods for the regeneration of natural rubber, vulcanized rubber to evaluate the performance of the standard materials used, the standard Test formulations, equipment and operating procedures.

This standard applies to natural rubber as the main rubber material for the production of rubber recycled rubber.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

Rubber, vulcanized or thermoplastic - Determination of tensile stress - strain properties
GB/T 531.1 vulcanized rubber or thermoplastic rubber test methods into the hardness
- Part 1. Shore Hardness Tester (Shore Hardness) GB/T 1232.1 unvulcanized rubber with a
disk shear viscometer - Part 1. Determination of Mooney viscosity GB/T 2941 Rubbery
physical test specimen preparation and conditioning procedures Rubber, solvent extraction
Rubber ash - Determination - Part 1. Muffle furnace method GB/T 6038 rubber test
compounding ingredients, mixing and curing equipment and operating procedures GB/T
7764 rubber identification infrared spectroscopy Rubber, vulcanized - Determination of
GB/T 9869 disk oscillation vulcanization method GB/T 13460 general specification for
recycled rubber GB/T 14837.1 Rubber and rubber products - Determination of components
of vulcanized and unvulcanized rubber by thermogravimetry - Part 1. Butadiene Rubber,
ethylene-propylene binary and ternary copolymers, isobutylene-isoprene rubber, isoprene
rubber, styrene-butadiene rubber GB/T 15340 natural, synthetic raw gum sampling and
sample preparation methods GB/T 25268 rubber vulcanizer user guide GB/T 29613.1
Rubber pyrolysis gas chromatographic analysis - Part 1. Identification of polymers (single
and combined)

3 Terms and definitions

GB/T 13460 defined terms and definitions apply to this document.

4 Sampling and sample preparation

4.1

According to GB/T 15340 describes the method to take about 1.5kg laboratory samples.

4.2

Press GB/T 15340 preparation of test samples.

5.1 Qualitative

According to GB/T 7764 or GB/T 29613.1 Qualitative to determine whether the sample is a
natural rubber body. Which GB/T 7764 for