

ICS 83.060
CCS G40



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

GB/T 3512-2026

Replacing GB/T 3512-2014

**Rubber, vulcanized or thermoplastic - Accelerated ageing and
heat resistance tests in hot air**

硫化橡胶或热塑性橡胶 热空气加速老化和耐热试验

(English Translation)

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Foreword

GB/T 3512-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 2 July 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 February 2027.

This edition replaces GB/T 3512-2014.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China Petroleum and Chemical Industry Federation.

Classification: ICS 83.060; CCS G40.

1 Scope

Rubber products change over time when exposed to heat and oxygen, and this standard covers accelerated ageing and heat resistance tests carried out in hot air for vulcanized and thermoplastic rubber. Such tests are a common way to compare materials and to check whether a compound keeps its properties after thermal exposure. The document is a recommended national standard.

Rubber compounders, seal and hose makers, automotive and industrial component suppliers, independent test laboratories and materials engineers are the typical readers. Purchasers who write ageing requirements into material specifications can also use it to define the test procedure behind them.

The 2026 edition was issued on 2 July 2026 and applies from 1 February 2027. It replaces GB/T 3512-2014. Laboratories accredited to the previous edition should review their methods and reporting templates in good time before the effective date.