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ICS 83.080.01
CCS G31

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 7142-2002

Plastics - Determination of time-temperature limits after prolonged exposure to heat

塑料长期热暴露后时间-温度极限的测定

(English Translation)

Issued on: May 25, 2026 **Implemented on: December 1, 2026**

Issued by: State Administration for Market Regulation, Standardization Administration of China

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https://chinastandards.org/standards/gb-t-7142-2002

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1 Foreword

GB/T 7142-2002 was issued by State Administration for Market Regulation, Standardization Administration of China on 25 May 2026 and has been in force since 1 December 2026.

It replaces the earlier edition GB/T 7142-1986.

The GB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

GB/T 7142-2002 falls under ICS 83.080.01, in the field of rubber and plastics industries.

This catalogue holds 1,917 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, Standardization Administration of China

English translation: about 15 pages (approximate)

Chinese original: about 22,211 characters

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4 Related standards

Other editions:

GB/T 7142-2026 (later edition)

GB/T 7142-1986 (earlier edition)

Standards on related subjects:

GB/T 7139-2023 - Plastics - Vinyl chloride homopolymers and copolymers - Determination of chlorine content

GB/T 7141-2008 - Plastics -- Methods of heat aging

GB/T 6672-2001 - Plastics film and sheeting - Determination of thickness by mechanical scanning

5 Classification and status

International classification (ICS): 83.080.01

Chinese Standard Classification (CCS): G 31

Prefix GB/T: recommended standard.

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