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ICS 83.080.20
CCS G31

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 32682-2016

Plastics - Determination of environment stress cracking (ESC) of polyethylene - Full-notch creep test (FNCT)

塑料 聚乙烯环境应力开裂（ESC）的测定 全缺口蠕变试验（FNCT）

(English Translation)

Issued on: July 2, 2026 **Implemented on: February 1, 2027**

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

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-32682-2016

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1 Foreword

GB/T 32682-2016 was issued by State Administration for Market Regulation, Standardization Administration of China on 2 July 2026 and has been in force since 1 February 2027.

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.

The document runs to 15 pages in English translation.

2 Scope Preview

GB/T 32682-2016 falls under ICS 83.080.20, 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)

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Chinese original: about 22,229 characters

4 Related standards

Other editions:

GB/T 32682-2026 (later edition)

Standards on related subjects:

GB/T 33061.12-2025 - Plastics - Determination of dynamic mechanical properties - Part 12: Non-resonance compressive vibration method

GB/T 33061.1-2025 - Plastics - Determination of dynamic mechanical properties - Part 1: General principles

GB/T 33047.1-2025 - Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles

GB/T 32684-2025 - Plastics - Phenolic resins - Determination of free formaldehyde content

GB/T 32683.1-2016 - Plastics -- Determination of viscosity using a falling-ball viscometer -- Part 1: Inclined-tube method

5 Classification and status

International classification (ICS): 83.080.20

Chinese Standard Classification (CCS): G 31

Prefix GB/T: recommended standard.

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