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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 19277.2-2026

Replacing GB/T 19277.2-2013

Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions-Method by analysis of evolved carbon dioxide-Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test

受控堆肥条件下材料最终需氧生物分解能力的测定 采用测定释放的二氧化碳的方法 第2部分：用重量分析法测定实验室条件下二氧化碳的释放量

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

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

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1 Foreword

GB/T 19277.2-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 19277.2-2013.

It is one of 4 parts of the GB/T 19277 series.

2 Scope Preview

GB/T 19277.2-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

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

4 Related standards

Other parts of this standard:

GB/T 19277-2003 - Determination of the ultimate aerobic biodegradability of plastic materials under conctrolled composting conditions - Method by analysis of evolved cabon dioxide - Part 1: General method

GB/T 19277.1-2011 - Determination of the ultimate aerobic biodegradability of plastic

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materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 1: General method

GB/T 19277.1-2025 - Determination of the ultimate aerobic biodegradability of plastic materials under conctrolled composting conditions - Method by analysis of evolved cabon dioxide - Part 1: General method

Other editions:

GB/T 19277.2-2013 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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