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ICS 77.040
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YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 1863.1-2026

Determination of physical and chemical properties of silicon powder for polycrystalline silicon - Part 1: Determination of effective silicon content - Gravimetric method

硅多晶用硅粉理化性能的测定 第 1 部分：有效硅含量的测定 重量法

(English Translation)

Issued on: April 15, 2026 **Implemented on: November 1, 2026**

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Foreword

YS/T 1863.1-2026 is a recommended industry standard of the People's Republic of China in the Nonferrous Metals sector, approved and issued by the Ministry of Industry and Information Technology on 15 April 2026, with effect from 1 November 2026.

Classification: ICS 77.040; CCS H17.

1 Scope

Part 1 of the series on determination of the physical and chemical properties of silicon powder for polycrystalline silicon describes a gravimetric method for determining the effective silicon content. It applies to the determination of effective silicon content in silicon powder used for polycrystalline silicon, over a measuring range of 1.00% to 100.00%.

It is used by silicon powder producers, by polycrystalline silicon manufacturers who receive the powder, and by analytical laboratories. It is a voluntary standard, as the /T in the code shows. It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 November 2026. It is a new standard.

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