

ICS 77.120.10
CCS J31

JB

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

JB/T 15439-2026

Cast aluminium-silicon alloys - Determination of grain size

铸造铝硅合金晶粒度测定方法

(English Translation)

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Foreword

JB/T 15439-2026 is a recommended industry standard of the People's Republic of China in the Machinery sector, approved and issued by the Ministry of Industry and Information Technology on 28 April 2026, with effect from 2 November 2026.

It is administered by the National Technical Committee for Foundry Standardization.

Classification: ICS 77.120.10; CCS J31.

1 Scope

JB/T 15439-2026 sets out a method for determining the grain size of cast aluminium-silicon alloys. Grain size is a structural characteristic of a casting, and the document describes how it is determined for this family of alloys so that results from different laboratories can be compared.

The method is used by foundries and alloy producers, by metallurgical and materials testing laboratories, and by buyers of aluminium-silicon castings who need to verify the structure of supplied material. The standard is voluntary (JB/T), issued by the Ministry of Industry and Information Technology on 28 April 2026 and effective from 2 November 2026. It is a new standard.