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

GB/T 31563-2015

**Metallic coatings -- Measurement of coating thickness --
Scanning electron microscope method**

金属覆盖层 厚度测量 扫描电镜法

(English Translation)

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What this standard covers

This Standard specifies the way through a scanning electron microscope (SEM) to detect the thickness of the metal sample cross-section of the local metal coating thickness measurement method. It is usually a destructive testing methods, uncertainty of less than 10%, or 0.1 μm . The measuring method can also be used to measure several millimeters thick coatings, but is recommended for such thick coatings optical microscopy (GB/T 6462) were measured.

Document data

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Standards quoted by this document

GB/T 6462; GB/T 12334; GB/T 27788-2011