

ICS 25.220.20

CCS A 29



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

GB/T 20018-2005

**Metallic and non-metallic coatings -- Measurement of thickness
-- Beta backscatter methods**

金属与非金属覆盖层 覆盖层厚度测量 β 射线背散射法

(English Translation)

Issued on: October 12, 2005

Implemented on: April 1, 2006

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People Republic of China, China National
Standardization Administration Committee**

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the application of γ -ray backscattering instrument destructive coating thickness measurement method. It is suitable for measurement of metal and non-metallic substrates for metal and nonmetal coating thickness. Using this method, the substrate covering layer and the atomic number, or equivalent atomic number should be almost an appropriate value.

Document data

International classification (ICS): 25.220.20.

Chinese classification (CCS): A29.

Estimated length of the Chinese original: 15,187 words.

Adopted international standard: ISO 3543-2000, IDT.