

ICS 77.120.99
CCS H 68

YS

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

YS/T 644-2007

**Determination method of Pt-Ru alloy film. Determination of
alloyed Pt content and alloyed Ru content by X-ray
photoelectron spectroscopy**

铂钌合金薄膜测定方法 X射线光电子能谱法 测定合金态铂及合金态钌含量
(English Translation)

Issued on: April 13, 2007

Implemented on: October 1, 2007

Issued by: National Development and Reform Commission

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the platinum- ruthenium (Pt-Ru) alloy thin film materials and alloys of platinum alloy state state ruthenium content (mass fraction) of the measurement method. This standard applies to platinum- ruthenium alloy thin film material alloy of platinum and gold state ruthenium -state mass fraction determination, can also be applied to a variety of platinum alloy thin film material mass fraction of platinum alloy state and other states of metal alloys Determination of mass fraction. Measuring range: Alloy State platinum content of not less than 3%, the alloy state ruthenium content of not less than 3%. This standard does not apply to single-layer thickness less than 10nm layered film.

Document data

International classification (ICS): 77.120.99.

Chinese classification (CCS): H68.

Estimated length of the Chinese original: 6,667 words.