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

GB/T 26492.4-2011

**Defects of wrought aluminium and aluminium alloys ingots and
products - Part 4: Defects for foils**

变形铝及铝合金铸锭及加工产品缺陷 第4部分：铝箔缺陷

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Foreword

GB/T 26492 "deformable aluminum and aluminum alloy ingot casting and machining product defects" is divided into five sections.

--- Part 1. ingot defects;

--- Part 2. strip casting defects;

--- Part 3. board with defects;

--- Part 4. aluminum foil defects;

--- Part 5. pipe, bar, profiles, wire defects. This is Part 4 GB/T 26492 of. The non-ferrous metal part by the National Standardization Technical Committee (SAC/TC243) centralized. This section is responsible for drafting units. North China Aluminium Company Limited. Participated in the drafting of this section. Xiashun Foil Co., Ltd. Yunnan new Alcoa aluminum foil, Aluminum Corporation of China Northwest Aluminum points The company, Chinalco Ruimin Co., Ltd., Guangdong Ruyuan East Sunshine Aluminum Co., Ltd., Zhengzhou Aluminum Corporation, the Northeast Light Alloy has Limited liability company, Aluminum Co., Ltd. Jiangsu often. The main drafters of this section. Guan Shi Tong Bo Changhai, Cao Jianfeng, high-Jun, Zhang Lihua, paragraph remifentanil, deep Zhang Yang, Guo Yiqing, Lin Shenghao, Tong Ying, Wu Xinfeng, Jin Wenhui, Mamei Zhen, Kong Xiangpeng. Wrought aluminum and aluminum alloy ingot casting and machining product defects Part 4. aluminum foil defects

1 Scope

GB/T 26492.4-2011 is the Chinese national standard on defects of wrought aluminium and aluminium alloys ingots and products - part 4: defects for foils, in the field of metallurgy. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in

practice is how most foreign buyers meet it. It was issued on 12 May 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2012. Classification: ICS 77.120.10, CCS H60. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section provides the definition of deformation of aluminum and aluminum foil common defects, features, and analyzes the main causes. This section applies to the determination and deformation analysis of aluminum and aluminum foil defects.

2 Definition of Defects, features and main causes

2.1 Nonmetallic pushed roled-indirt Nonmetallic inclusions pressed into the foil surface, the surface was apparent dot or yellow and black strip defects (Figure 1). The main causes.

- a) production equipment or the environment unclean;
- b) rolling process lubricant unclean;
- c) the presence of non-metallic foreign body blank;
- d) the slab surface wipe scratches, sludge and other non-metallic foreign bodies left in the depression;
- e) the production process, non-metallic foreign bodies falling on the plate, strip surface.

Figure 1 is pressed into non-metallic

2.2 Metal pressed into roled-inmetal Metal shavings or metal fragments pressed into the foil surface. After the matter was pressed into the scrape of varying sizes depression, destroy the continuity of the foil surface.

2.3 Scratch scratch Foil surface exhibits intermittent or continuous groove-like scars.

Usually when the relative sliding contact with the foil surface to produce a sharp object. The main causes.

- a) roller, guide roller surface has a pointed shape defects, hard or sticky debris;