



鋅合金錠產品說明書 / Zinc alloy Ingot

■ 產品特色 / Product Information

1. 鋅壓鑄產品不僅用於我們日常使用的物品，而且還廣泛應用於汽車，機械零件，建築零件和家具零件等廣泛的工業領域。
Zinc die-cast products are used in things we use everyday and also find application in daily a wide range of industrial fields such as automobiles, machine parts, building parts and furniture parts.
2. 中鋁鋅合金錠用於製造壓鑄產品，具有好的流動性和優異的機械性能(抗拉強度、硬度等)及增加合金的抗磨性能，在鋅合金壓鑄模具中不容易黏模。
CSAC zinc alloy ingots are used to make die-cast products, which have good fluidity and excellent mechanical properties (tensile strength, hardness, etc.) and increase the wear resistance of the alloy. It is not easy to stick mold in zinc alloy die casting mold.
3. 中鋁鋅合金錠表面之氧化層厚度較薄，經重熔後渣量少，能讓中鋁產品使用極大化。
The surface oxide layer of CSAC zinc alloy ingot is thinner, and the amount of slag after remelting is less, which can maximize the use of CSAC products.
4. 中鋁鋅合金錠有較優的清淨品質，不易引起晶間腐蝕及熱脆性。
CSAC zinc alloy ingots have better cleaning quality and are not easy to cause intergranular corrosion and hot brittleness

■ 化學成分 / Chemical Composition

| 合金編號 Alloy No. | | 鋁 Al | 鎂 Mg | 銅 Cu | 鐵 Fe | 鉛 Pb | 鎘 Cd | 錫 Sn | 鋅 Zn | Wt % |
|-------------------|------|---------|---------|---------|---------|---------|---------|---------|-----------|------|
| ZAD2 | Max. | 4.3 | 0.06 | 0.5 | 0.075 | 0.003 | 0.002 | 0.001 | Remainder | |
| | Min. | 3.9 | 0.03 | 0.3 | — | — | — | — | | |
| ZAD3 | Max. | 4.3 | 0.06 | 0.005 | 0.075 | 0.003 | 0.003 | 0.003 | Remainder | |
| | Min. | 3.9 | 0.045 | — | — | — | — | — | | |
| ZAD3M | Max. | 4.3 | 0.045 | 0.035 | 0.035 | 0.003 | 0.003 | 0.0015 | Remainder | |
| | Min. | 3.9 | 0.03 | 0.015 | — | — | — | — | | |
| ZAD4 | Max. | 4.3 | 0.045 | 0.3 | 0.075 | 0.003 | 0.003 | 0.003 | Remainder | |
| | Min. | 3.9 | 0.03 | 0.2 | — | — | — | — | | |
| ZAD5M | Max. | 4.3 | 0.045 | 1.25 | 0.075 | 0.003 | 0.003 | 0.003 | Remainder | |
| | Min. | 3.9 | 0.03 | 0.75 | — | — | — | — | | |
| ZAD8 | Max. | 8.8 | 0.03 | 1.3 | 0.065 | 0.005 | 0.005 | 0.002 | Remainder | |
| | Min. | 8.2 | 0.02 | 0.8 | — | — | — | — | | |
| ZAD12 | Max. | 11.5 | 0.03 | 1.2 | 0.075 | 0.004 | 0.003 | 0.003 | Remainder | |
| | Min. | 10.5 | 0.015 | 0.5 | — | — | — | — | | |
| ZAD27 | Max. | 28 | 0.02 | 2.5 | 0.075 | 0.004 | 0.003 | 0.003 | Remainder | |
| | Min. | 25 | 0.01 | 2.0 | — | — | — | — | | |
| ZADK | Max. | 4.3 | 0.07 | 3.5 | 0.075 | 0.005 | - | 0.002 | Remainder | |
| | Min. | 3.9 | 0.03 | 2.5 | — | — | — | — | | |

■ 包裝/ Package

