



ALUMINUM INGOT 鋁錠



Aluminum ingot is a kind of industrial raw material, according to the national standard (GB/T 1196-2008) should be called "remelting aluminum ingot", is produced by alumina - cryolite through electrolysis method.

After aluminum ingot into the industrial application, there are two categories: cast aluminum alloy and deformed aluminum alloy.

鋁錠是一種工業原料，按國家標準 (GB/T 1196-2008) 應叫“重熔用鋁錠”，是用氧化鋁-冰晶石通過電解法生產出來的。

鋁錠進入工業應用之後有鑄造鋁合金和變形鋁合金兩大類。



PRODUCT INTRODUCTION 商品簡介

According to the national standard, "aluminum ingots for remelting are divided into 8 grades according to their chemical composition, which are Al99.90, Al99.85, Al99.70, Al99.60, Al99.50, Al99.00, Al99.7E and Al99.6E" (Note: the number after Al is the aluminum content)

按照國家標準“重熔用鋁錠按化學成分分為 8 個牌號，分別是 Al99.90、Al99.85、Al99.70、Al99.60、Al99.50、Al99.00、Al99.7E、Al99.6E”（註：Al 之後的數字是鋁含量）

OVERVIEW OF CLASSIFICATION 分類概況

Aluminum ingots can be divided into remelting aluminum ingots, high purity aluminum ingots and aluminum alloy ingots according to their composition. According to the shape and size can be divided into ingot, round ingot, plate ingot, T - shaped ingot and so on.

鋁錠按成分不同分重熔用鋁錠、高純鋁錠和鋁合金錠三種；按形狀和尺寸又可分為條錠、圓錠、板錠、T 形錠等幾種。



SEVERAL COMMON ALUMINUM INGOTS 幾種常見鋁錠

Aluminum ingots for remelting --15kg, 20kg ($\leq 99.80\%Al$) :

T-shaped aluminum ingot --500kg, 1000kg ($\leq 99.80\%Al$) :

High purity aluminum ingot --10kg, 15kg (99.90% ~ 99.999% Al)

重熔用鋁錠--15kg · 20kg ($\leq 99 \cdot 80\%Al$) :

T形鋁錠--500kg · 1000kg ($\leq 99 \cdot 80\%Al$) :

高純鋁錠--10kg · 15kg (99 · 90% ~ 99 · 999%Al) ;

THE CHEMICAL COMPOSITION OF ALUMINUM INGOTS

BY GRADE (%) IS AS FOLLOWS:

鋁錠按等級化學成分(%)如下:

等級	化學成分 %									
	正 \geq	雜質 \leq								
		Si	鐵	銅	Ga	毫克	鋅	錳	其他	總和
Al99.9	99.9	0.5	0.07	0.005	0.02	0.01	0.025	-	0.01	0.1
Al99.85	99.85	0.8	0.12	0.005	0.03	0.02	0.03	-	0.015	0.15
Al99.7	99.7	0.1	0.2	0.01	0.03	0.02	0.03	-	0.03	0.3
Al99.6	99.6	0.16	0.25	0.01	0.03	0.03	0.03	-	0.03	0.4
Al99.5	99.5	0.22	0.3	0.02	0.03	0.05	0.05	-	0.03	0.5
Al99.00	99	0.42	0.5	0.02	0.03	0.05	0.05	-	0.05	1