



Alloying Tablets



High concentration alloying tablets for the aluminium industry.








Alloying Tablets

Application

KBM AFFILIPS alloying tablets are used in the aluminium casthouse to adjust the composition of liquid aluminium alloys. A high element concentration, fast dissolution and a high yield ensure efficient and economical composition control. The use of alloying tablets is straightforward and reliable.

Product description

KBM AFFILIPS alloying tablets are made by compacting high purity metallic powders into a high density cylindrical shape. A range of alloying elements is available.

Product Range	Color code
Chromium (Cr)	 Blue
Copper (Cu)	 Orange
Iron (Fe)	 Green
Manganese (Mn)	 Grey
Titanium (Ti)	 Red

Colour code according to AA specification is available upon request.

The main element concentration is 75% or 80%. The balance consists of aluminium or a Na-free non-hygroscopic flux or a combination thereof. Each tablet contains exactly 1 kg (Titanium: 0.5 kg) alloying element. The tablets are wrapped in aluminium foil and packed in cartons on pallets. Alternatively they can be bulk packed in cardboard pallet boxes. Packaging in wooden cases for additional protection during transport is optional.

To suit individual requirements on element concentration, aluminium/flux ratio and preferred packaging the tablets are generally produced to order. Specific composition and packaging is available upon request.

Each pallet carries a label showing the batch number and nominal tablet composition. Pallets are strapped and foil wrapped to protect the product against moisture.



Color coded cartons



Tablets, 0.5 kg and 1 kg element content

Recommended addition practice

1. Remove any dross from the molten metal surface
2. Add the tablets to the bath at normal operating temperatures, ensuring even distribution over the bath surface, and hold for a few minutes.
3. Stir the bath well to ensure bath homogeneity and complete recovery of the alloying elements.

Under normal operating conditions a minimum 95% recovery is achievable within 10-20 minutes.

Storage

The tablets must be stored in a dry area to avoid oxidation. A Material Safety Data Sheet is available.



Optional: tablets packed in wooden cases



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