

KB Alloys 10% Bismuth Aluminum Alloy

Category : Metal , Nonferrous Metal , Aluminum Alloy

Material Notes:

Aluminum mechanical and physical properties are enhanced with the use of alloying elements. These alloying elements are commonly referred to as hardeners. Aluminum based master alloys which contain the hardener elements in high concentrations, provide a convenient and economical way to add them to aluminum to achieve desired properties. These master alloys readily go into solution at lower liquid temperatures, thus minimizing dross formation and solubility of hydrogen. Lower furnace temperatures also mean reduced energy consumption and longer furnace life. Information provided by KB Alloys

Order this product through the following link:

http://www.lookpolymers.com/polymer_KB-Alloys-10-Bismuth-Aluminum-Alloy.php

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|-----------------|-----------------|----------|
| Aluminum, Al | 88.25 - 90.25 % | 88.25 - 90.25 % | |
| Bismuth, Bi | 9.0 - 11 % | 9.0 - 11 % | |
| Iron, Fe | 0.30 % | 0.30 % | |
| Other, each | 0.050 % | 0.050 % | |
| Other, total | 0.20 % | 0.20 % | |
| Silicon, Si | 0.20 % | 0.20 % | |

| Descriptive Properties | Value | Comments |
|------------------------|--------------|----------|
| Form | Waffle Ingot | |

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