



Aluminum Titanium alloy AlTi5,AlTi10

1. Properties & Application:

(1). Titanium content: 4.5 ~ 6.0%, apply to titanium element addition or grain refining of aluminum alloy in the course of smelting.

(2). A lot of dispersed AlB₂ corpuscles with high melting point are produced in the molten Al as foreign crystalline cores when these corpuscles coagulate, notably refining the crystalline configuration of the cast ingots, improving the mechanics of the aluminum cast.

2. Operation Technology Suggestion:

(1). Temperature: 720~760℃

(2). Dosage: According to calculating and experimental results.

(3). Method: Skim off the dross and put AlTi5 nuggets into the Al molten, stirring the melt to homogenate, keep the Al molten static for 20~30 minutes.

3. Package and Storage:

Appearance: white metal nuggets 250g/pc or waffle 7.5kg/pc.

Storage: Keep dry and ventilated.

上海办 Shanghai Office

上海市浦东新区牡丹路 89 弄 4 号 602 室
R602,4#,89Nong, Mudan Road Pudong
Shanghai, China
Tel: 0086 21 6845 1592
Fax: 0086 21 6845 0923
fluorine@tatichem.com

...www.mintchem.com...

长沙办 Changsha Office

长沙市劳动西路 108 号长沙市化工研究所 HX 楼 707 室
HX707,108# Laodong Road West Changsha,
Hunan,China
Tel: 0086 731 85518147 8551 8261
Fax: 0086 731 8551 8167/ 8553 0767
fluorine@tatichem.com