



JHIHGUAN METAL & MATERIAL CO., LTD.
JHIHGUAN INTERNATIONAL TRADING CO. LTD.

志冠金屬材料有限公司

1F, #71, CHUANGXIN RD., NANZI DIST., KAOHSIUNG CITY 811,
TAIWAN, R.O.C.

[E-mail: jhihguan.metal@yahoo.com](mailto:jhihguan.metal@yahoo.com)

產品說明書

Master Alloy:	Grain Refiner for Aluminium foundry
Specification:	AlTi10 AlTi5
Factory:	YiWu Sunrise Metal Materials Co., Ltd., in Zhejiang, China

Description: AlTi10 Alloy

Item : AlTi10 AlTi5

Application: Used as modifier, grain refiner, and additive when casting Alsi Alloy, that may improve its mechanical hardener, inoxidizability, melting temperature, Simple process without any corrosion.

Chemical Composition which meets global requirement.

Chemical Composition	Ti	Ca	Fe	Si	Al
Percentage % (AlTi10)	9.0-11.0	< 0.20	< 0.25	< 0.20	Balance
Percentage % (AlTi5)	4.5-5.5	< 0.20	< 0.25	< 0.20	Balance

Directions for use: After Aluminium properly melted (refining/degassing process completed), skim the dorss off. Add AlTi alloy (quantity required). Stir evenly and then keep still for 5-10 minutes.

Storage:	Ingot:	100g/pc,	200g/pc,	350g/pc,	500g/pc
	Packing:	25kg/carton,	or 50kg/barrel		
1. Mini Ingot :	Ingot:	100g/pc,	200g/pc,	350g/pc,	500g/pc
	Packing:	25kg/carton,	or 50kg/barrel		
2. Waffle :		0.5~8Kg/pc	1 ton/pallet or big bag		

3. Customized shape 、 content , or packing is available on request from the customers.

Storage : Place in a dry and well ventilated area.
Validity 5 years