

Introduction

Whether through thousands of pounds of ingots and bars or through thousands of miles of spray wire, Babbitt alloys remain consistent from edge-to-edge and end-to-end. The formulations of Babbitt alloy is matched or exceed its engineering standards. It is with high productivity, less rework, less cleanup, few defects and high quality finished products. The coatings are ductile, low in oxides and exhibit a bright, metallic appearance.

Equivalent: Tafa 04T, Sulzer Metco Spraybabbitt

Chemical & Physical Properties

Sn	Sb	Cu	other	Density	Melting point
90	7-8	3-4	0.25	6.67 g/cm ³	354 °C

Applications

- Bearing surfaces

Deposit Characteristics

Typical Hardness	65-70HRB
Bond Strength	3000 PSI
Deposit Rate	48 lbs /hr/100A
Deposit Efficiency	70%
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 2.0, 3.17	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Spool	15kgs / spool (D300 spool)
Coil	20 - 400ks / coil