

# ARCWEL BABBITT 90 SN TECHNICAL DATA SHEET

## GENERAL CHARACTERISTICS AND APPLICATIONS:

**Solid Tin based Babbitt type wire.**

- Superior coating quality and integrity
- Improved adhesion bonding to base metal
- Coatings are ductile, low oxide, and are of bright metallic appearance
- Use for coating of high speed and heavy duty bearing surfaces
- **May be applied by Thermal spray or GTAW (TIG)**
- Used for bearing linings on Ball Mill Bearing, Crusher Bearing, Turbine and Compressor Bearings etc.

## CHEMICAL COMPOSITION [%]

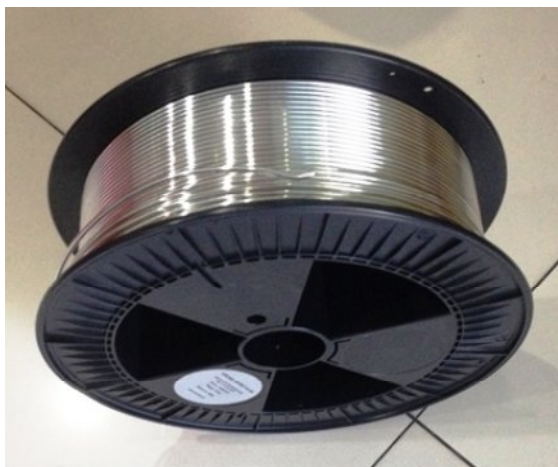
| Sn | Sb  | Cu  |
|----|-----|-----|
| 90 | 6.5 | 3.5 |

## FORM OF DELIVERY

| Ø [mm] | spool weight [kg] | spool size |
|--------|-------------------|------------|
| 3.     | 10 Kg             | D300       |
|        |                   |            |



**Welder applying Babbitt with GTAW Process**



**Bearing coated with Babbitt 90 SN using GTAW**

## **Health and safety:**

Thermal spray and other Welding processes used with this product generate dust and fumes which may be harmful to health. Spraying should therefore be done in closed well ventilated areas equipped with filter collectors and appropriate respiratory devices. Operators must be protected according to local safety regulations