

	<b>TECHNICAL DATA SHEET</b>	Release	0 17.6.2019
		Nature of mod.	First issue
		Author	RQ
		Mod	CPO/ST Rev.2 del 17/06/2019

A.V.Saldature code 9010  
 ISO 17672:2016 -  
 EN 1044: -  
 EN ISO 3677: BCu90Sn -955/1000  
 AWS A 5.8: -

Chemical Composition ( % )						
A.V.	Cu	Sn	Ni	P	Total impurity limits (see note) Max.	Other elements Min. Max.
	Min.	Min. Max.	Min. Max.	Min. Max.		
9010	balance	9,5 11,5		0,2 0,45	0,30 Excluding 0	

NOTE Maximum impurity limit applicable to all types are (% by mass) Cd 0,010 and Pb 0,025

Working temperature: 1050 °C  
 Melting range: 955/1000 °C  
 Specific gravity: 8,9 g/cm<sup>3</sup>  
 Characteristics / Applications:

Brazing filler metal used for the joining of ferrous metals, nickel based alloy and copper nickel alloy. It is very free flowing and is often used in furnace brazing, with a protective atmosphere, generally without flux that might be necessary on metals that have constituents with difficult-to-reduce oxides, the presence of tin is useful to decrease the working temperature.

Heat sources:  
 Vacuum furnace, inert continuous furnace

Flux: -

### TECHNICAL SUPPLYING CONDITION ACCORDING WITH INTERNATIONAL STANDARD ISO 17672:2016

Availability

Rods	Coated Rods	Wire	Foil	Perform	Powder	Paste
		X		X	X	X

