

	<h1>TECHNICAL DATA SHEET</h1>	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 SN32  
 ISO 17672:2016 -  
 EN 1044: -  
 EN ISO 3677: B-Cu 50 Zn Ni (Si) –860/910  
 AWS A 5.8:

Chemical Composition ( % )							
A.V.	Cu	Zn	Sn	Si	Mn	Ni	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.			Min. Max.
SN32	56 57	Rest	-	0,22 0,38	0,22 0,38	4,3 4,9	–

NOTE Maximum impurity limits applicable to all types are (% by mass) Al 0,01, As 0,01, Bi 0,01, Cd 0,010, Fe 0,25, Pb 0,025, Sb 0,01; total impurities (excluding Fe) 0,2

Working temperature: 930 °C  
 Melting range: 860/910 °C  
 Specific gravity: 8,7 g/cm<sup>3</sup>  
 Tensile strength: 650 N/mm<sup>2</sup>  
 Elongation: 25%  
 Characteristics / Applications:

Nickel brass alloy, suitable for gap brazing and coating of steel , cast iron, iron, nickel, nickel alloys. Very used in the steel furniture industry cause is possible to braze and hard the joint in one step.

Heat sources:  
 Acetylene torch, air-gas torch, induction and resistance heating

Flux: D54, D51A, DB, DL89,DL88, DL87 AND ECOFLUX® series

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

Availability

Rods	Coated Rods	Wire	Micro Coated Rods	spool	Powder	Paste
X	X	X	X	X		