

	<h1>TECHNICAL DATA SHEET</h1>	Realease	0 17.6.2019
		Nature of mod.	First issue
		Author	RQ
		Mod	CPO/ST Rev.2 del 17/06/2019

A.V.Saldature code T90S
 ISO 17672:2016 Filler metal ISO 17672-AG 140
 EN 1044: AG 105
 EN ISO 3677: B-40 Ag Cu Zn(Sn)–650/710
 AWS A 5.8: Bag-28

Chemical Composition (%)					
A.V.	Ag	Cu	Zn	Sn	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T90S	39 40	29 31	26 30	1,5 2,5	

NOTE Maximum impurity limits applicable to all types are (% by mass) Al 0,001, Bi 0,030, P 0,008, Pb 0,025; total of all impurities = 0,15; total of all impurities for Ag 427, Ag 449 and Ag 485 = 0,30.

Working temperature: 690 °C
 Melting range: 650/710 °C
 Specific gravity: 9,1 g/cm³
 Tensile strength: 350-430 N/mm²
 Elongation: 20%
 Electrical conductivity: 14,0 m/Ω mm²
 Characteristics / Applications:

Cadmium free Silver brazing alloy with good resistance to overheating and good corrosion resistance, suited for steel, stainless steel, copper, brass, cast iron.

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

Flux: D4, D26, D60, D70, D39H

TECHNICAL SUPPLYING CONDITION ACCORDING WITH INTERNATIONAL STANDARD ISO 17672:2016

Availability

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