

	<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 T80S  
 ISO 17672:2016 Filler metal ISO 17672-AG 134  
 EN 1044: AG 106  
 EN ISO 3677: B-40 Cu Ag Zn(Sn)–630/730  
 AWS A 5.8: -

Chemical Composition ( % )					
A.V.	Ag	Cu	Zn	Sn	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T80S	33 35	35 37	25,5 29,5	2 3	

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: 710 °C  
 Melting range: 630/730 °C  
 Specific gravity: 9,0 g/cm<sup>3</sup>  
 Tensile strength: 360-480 N/mm<sup>2</sup>  
 Elongation: 12%  
 Electrical conductivity: 14,0 m/Ω mm<sup>2</sup>  
 Characteristics / Applications:

Cadmium free Silver brazing alloy suited for general purpose work: steel, stainless like steel, copper, brass, cast iron and nickel alloy.

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

Flux: D4, D26, D31, 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			