



## TECHNICAL DATA SHEET

A.V.Saldature code T520N  
ISO 17672:2010 AG450  
EN 1044: -  
EN ISO 3677: B-49 Ag Zn Cu Ni 660-705  
AWS A 5.8: Bag-24

Chemical Composition ( % )					
A.V.	Ag	Cu	Zn	Ni	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T520N	49 51	19 21	26 30	1,5 2,5	Si max 0,05 Cd max 0,01

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: 750°C  
Melting range: 650-705°C  
Specific gravity: 8,9 g/cm<sup>3</sup>  
Characteristics / Applications:

Low melting filler metal free flowing and Cd free. It is suitable for use in the joining of the low carbon 300-Series stainless steels, particularly for small tungsten carbide inserts for cutting tools.

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

### TECHNICAL SUPPLYING CONDITION ACCORDING WITH INTERNATIONAL STANDARD ISO 17672:2010

Availability

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