

	<h1>TECHNICAL DATA SHEET</h1>	Release	0 9/3/2022
		Nature of mod.	First issue
		Author	RQ
		Mod	CPO/ST Rev.2 del 17/06/2019

A.V.Saldature codes T700AM11XS  
ISO 17672:2016 -  
EN 1044: -  
EN ISO 3677: B-70 AgCuTi –780/815  
AWS A 5.8: -

Chemical Composition ( % )					
A.V.	Ag	Cu	Ti	In	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T6014	69,0 70,5	BAL.	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: 850-950°C  
Melting range: 780-815°C  
Specific gravity:  
Tensile strength:  
Characteristics / Applications:

Active alloy. Can be used for brazing ceramics, metal-ceramics, graphite, diamond, corundum, sapphire, ruby. Needs at least 850 C for wetting ceramics, higher temperatures improve wetting. For use under argon or vacuum, in vacuum silver may evaporate above 900°C.

Heat sources:

Special Binder XS is design to evaporate and glue the join before the brazing cycle (usually in vacuum furnace). 15-20 min at 100°C-125°C depending on the dimension and complexity of the join. The binder will also evaporate at room temperature in few hours

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

Availability

Rods	Coeted Rods	Wire	Foil	Perform	Powder	Paste
						X