

	<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 T720
 ISO 17672:2016 Filler metal ISO 17672-AG 272
 EN 1044: AG 401
 EN ISO 3677: B-72 Ag Cu -780
 AWS A 5.8: BAg-8

Chemical Composition (%)					
A.V.	Ag	Cu	Zn	Sn	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T720	71 73	27 29			

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: 780 °C
 Melting range: 780 °C
 Specific gravity: 10 g/cm³
 Tensile strength: 380-390 N/mm²
 Elongation: 17%
 Electrical conductivity: 46,1 m/Ω mm²
 Characteristics / Applications:

Eutectic Silver/copper alloy suitable for furnace brazing in a protective atmosphere or vacuum without use of a flux as well as for brazing procedures requiring a flux. The alloy is very fluid and might run out from the joint, is ideal with copper but can be used also with steel, stainless steel and Ni alloys.

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	X