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

A.V.Saldature code T29
ISO 17672:2010 Filler metal ISO 17672-AG 212
EN 1044: AG 207
EN ISO 3677: B-50 Cu Zn Ag –800/830
AWS A 5.8: -

Chemical Composition (%)					
A.V.	Ag Min. Max.	Cu Min. Max.	Zn Min. Max.	Sn Min. Max.	Other elements Min. Max.
T29	11 13	47 49	38 42		

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: 830°C
Melting range: 800/830°C
Specific gravity: 8,5 g/cm^3
Tensile strength: 412 N/mm^2
Elongation: 30%
Electrical conductivity: 13,0 m/Ω mm^2
Characteristics / Applications:

Cd-free silver brazing alloy with high strength (up to 300 °C). For brazing steel, malleable iron, copper, copper alloys, nickel and nickel alloys. It has very good flow properties and high tensile strength. The solder joints are used at temperatures up to +300 °C without reducing its strength.

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		