

	<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 T610
 ISO 17672:2016 Ag 160
 EN 1044: AG 402
 EN ISO 3677: B-60 Ag Cu Sn-600-730
 AWS A 5.8: Bag-18

Chemical Composition (%)					
A.V.	Ag	Cu	Zn	Sn	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
T610	59 61	Bal.		9,5 10,5	

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: 750 °C
 Melting range: 600°-730 °C
 Specific gravity:

Characteristics / Applications:

Zn free silver alloy useful for seals on vacuum tube components and for fluxless brazing in controlled atmosphere. White color. Can be used for both flame and furnace brazing, with protective atmosphere and vacuum. In vacuum silver may evaporate above 900 °C.

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