



TECHNICAL DATA SHEET

Release	0 17.6.2019
Nature of mod.	First issue
Author	RQ
Mod	CPO/ST Rev.2 del 17/06/2019

A.V.Saldature code 9665
 ISO 17672:2016 -Ni 655
 EN 1044: -
 EN ISO 3677: B-Ni65CrSiP 969-1079
 AWS A 5.8:

Chemical Composition (%)

A.V.	NI	Cr	P	B	Fe	Cu	Si	Other elements
	Min. Max.	Min. Max.	Min. Max.	Min. Max.				Min. Max.
9665	balance	21 23	3,5 4,5	-	-	-	6 7	

NOTE Maximum impurity limits applicable to all types are (% by mass) Al 0,05, Cd 0,010, Pb 0,025, S 0,02, Se 0,005, Ti 0,05, Zr 0,05; if elements other than those given in this table or this note are found to be present, the amount of these elements shall be determined; the total of such other elements shall not exceed 0,50 %.

Brazing temperature: 1100°C
 Melting range: 960/1079°C

Characteristics / Applications:

High Cr content nickel brazing alloy with P and Si content, this composition make this alloy suitable for those application that require wetting proprieties and corrosion resistance. 9665 brazing paste can be an alternative to 9708 (Ni5) for corrosion resistance and an alternative to 9760(Ni7) for spreading ratio

Heat sources:
 Vacuum furnace, inert continuous furnace (Ar or H₂)

TECHNICAL SUPPLYING CONDITION ACCORDING WITH INTERNATIONAL STANDARD ISO 17672:2016

Availability

Rods	Coated Rods	Wire	Micro Coated Rods	Oil based paste	Powder	Paste
					X	X