	TECHNICAL DATA SHEET	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 9760
ISO 17672:2016 Filler metal ISO 17672-Ni 710
EN 1044: NI 107
EN ISO 3677: B-Ni76CrP –890
AWS A 5.8: B-Ni7

Chemical Composition (%)								
A.V.	NI Min. Max.	Cr Min. Max.	P Min. Max.	B Min. Max.	Fe	Cu	Si	Other elements Min. Max.
9760	balance	13 15	9,7 10,5	- 0,02	- 0,02	-	0,1	

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: 1080°C
Melting range: 890°C

Characteristics / Applications:

Ni brazing filler metal often used to braze honeycomb structures, thin-walled tube assemblies, and nuclear applications boron free. It flows freely through a joint clearance of 0,025 mm and provides a strong oxidation and corrosion-resistance joint

Heat sources:
Vacuum furnace, inert continuous furnace

TECHNICAL SUPPLYING CONDITION ACCORDING WITH INTERNATIONAL STANDARD ISO 17672:2016

Availability

Rods	Coated Rods	Wire	Micro Coated Rods	Oil based paste	Powder	Water based Paste
				x	x	x