VITROBRAZE®

VZ2190

Specifications

DIN EN ISO 17672	AWS A5.8	AMS	MSRR 9500
Ni 612	BNi-9	–	-719

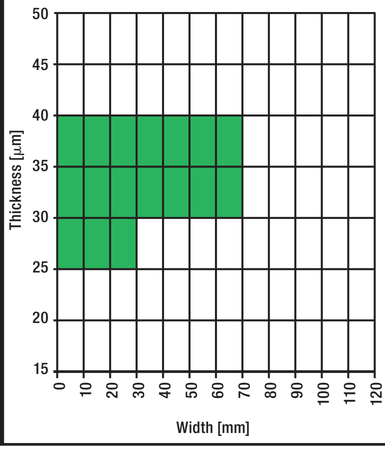
Nominal composition (wt.%)

Ni	Fe	Cr	B	C	P	Al	S	Ti	Zr	Se
Balance (81.3)	≤1.5	15	3.7	≤0.06	≤0.02	≤0.05	≤0.02	≤0.05	≤0.05	≤0.005

Physical properties

Property	Unit	Value
Density (amorphous)	g/cm³ (lb/in³)	7.96 (0.288)
Solidus temperature	°C (°F)	1055 (1930)
Liquidus temperature	°C (°F)	1070 (1960)
Recommended brazing temperature	°C (°F)	1090 – 1200 (1995 – 2190)

Available foil geometry



Technological properties

Brazing conditions The brazing process has to be carried out in a vacuum or protective atmosphere like argon or pure dry hydrogen.

Corrosion resistance Very good

Field of application Joining of superalloys, nickel and cobalt alloys and some special metals and their alloys.

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