VITROBRAZE®
VZ2177

Specifications

DIN EN ISO 17672	AWS A5.8	AMS	MSRR 9500
–	–	–	–

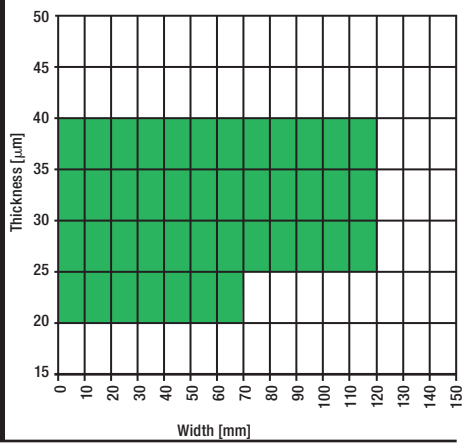
Nominal composition (wt.%)

Ni	Cr	Si	B	P
Balance (67)	25	1.5	0.5	6.0

Physical properties

Property	Unit	Value
Density (amorphous)	g/cm³ (lb/in³)	7.67 (0.277)
Solidus temperature	°C (°F)	945 (1740)
Liquidus temperature	°C (°F)	1040 (1930)
Recommended brazing temperature	°C (°F)	1050 – 1120 (1920 – 2050)

Available foil geometry



Technological properties

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

Corrosion resistance Excellent

Field of application Joining of carbon and stainless steel, nickel and cobalt alloys and some special metals and their alloys. Joining of copper and copper alloys or copper to steel.

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ADVANCED MAGNETIC SOLUTIONS