



## PRODUCT : TECHBRAZE AG50N BRAZING ALLOY

### General description :

Techbraz AG50N is a Nickel containing alloy with particularly good wetting properties on steel and hard metals. It makes a joint of high tensile strength.

### Specification :

**AWS A5.8** : BAg-3

**IS 2927** : BA Cu Ag 12

### Chemical composition (Wt %):

Silver	Copper	Zinc	Cadmium	Nickel	Others
49-51	Balance	13.5-17.5	15-17	2.5-3.5	0.15

### Technical data :

UTS of joint	Elongation	Melting range
45-50 kgf/mm <sup>2</sup>	25%	630°C - 690° C

### Application :

Techbraz AG50N is suitable for applications in diamond and carbide tip industries.

### Size and Form :

Sizes can be made to order as per customer specification for bulk orders.

Rod diameter                      1.60mm    2.50mm    3.15mm

Strip/Foil (Thickness)    0.07mm to 0.2mm

Please note that information shared above contains approximate values based on information provided in various international specifications. For exact values one should refer to the test certificate.

Please contact our technical team for more information on our products.