TECHNICAL DATA SHEET

TERNALLOY 430

Brazing alloys, Cadmium Free

EN ISO 17672:2016	Ag 230
AWS A5.8-92	BAg-20
ISO 3677:1997	-
DIN 8513	*(L-Ag30)*
(EN 1044:1999)	

Nominal Composition [%]

Ag	Cu	Zn	Sn	Si	Mn	Ni
30	38	32	-	-	-	-

Technical Data

Melting Point	c.a. 680 - 765 °C
Working Temperature	c.a. 760 °C
Density	c.a. 8,8 gr/cm3
Tensile strength	430 Mpa
Elongation	20%
Electrycal Conductivity	n.a.
Operating temp. of brazed joint	

Applications

TERNALLOY 430 is a filler metal with a good capillarity power and wettability. Particularly suitable for "production line" and also for maintenance. This alloy can be used as a substitute to alloys Cd bearing. By means of this alloy the users can proceed in making joints on base metal which will be in contact with food or pharmaceutical products.
Besides it guarantees a better health safety on the working place, because during brazing process it does not leave dangerous fumes or dust.

Suggested Flux

BRASFLUX - F16

Base Metals

Any steel, copper and copper alloys, nickel and nickel alloys.

Heat Sources

It can be used with flame or induction brazing procedure.

Bare rods	Fluxcoated	Wire < Ø 1,0	Wire > Ø 1,0	Foil	Preforms	Paste
X	X	X	X	-	X	-

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