TECHNICAL DATA SHEET

TERNALLOY 405

Brazing alloys, Cadmium Free

EN ISO 17672:2016 Ag 205
AWS A5.8-92 --
ISO 3677:1997
DIN 8513
(EN 1044:1999)

Nominal Composition [%]

Ag	Cu	Zn	Sn	Si	Mn	Ni
5	55	40	-	0,2	-	-

Technical Data

Melting Point c.a. 820 - 870 °C
Working Temperature c.a. 870 °C
Density c.a. 8,4 gr/cm3
Tensile strength 350 Mpa
Elongation 0
Electrycal Conductivity m/? mm²
Operating temp. of brazed joint

Applications

TERNALLOY 405 is a ternary alloy suggested for strong and resistant brazing. It can be used for brass fittings, steel or cast iron (also oxidised). Yellow colored joint.

Suggested Flux

Base Metals

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

Heat Sources

Flame, Induction

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

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