WELD 1

Nominal Composition [%]	Cu 60; Zn Rest; Si 0,3
Impurity max. %	Al 0,01; As 0,01; Bi 0,01; Cd 0,010, Fe 0,25; Pb 0,025; Sb 0,01
Total of all impurities [%]	0,2

International Specification

EN ISO 17672:2016	Cu 470a	***DIN 8513***	*(L-CuZn40)*
AWS A5.8-92	-	***(EN 1044:1999)***	*(CU 301)*
ISO 3677:1992			

SaldFlux Specification (SF)

SF	-

Technical Data

Melting Point	c.a. 875 - 895° C
Working Temperature	c.a. 900° C
Density	c.a. 8,1 gr/cm3
	400 Mpa
Elongation	15%
Electrycal Conductivity	-

Available Forms

Wire: from Ø 0,5 mm to Ø 5,0 mm.
Bare Rods: from Ø 0,7 mm to Ø 3,0 mm.
Strip/Foils: from 0,1 mm to Ø 0.4 mm (Thickness) - from 2 to 40 mm (width).
Preforms: upon request according to customer specification.

Applications

The WELD1 is suggested for brazing operation with copper, steel, nickel and its alloys, when it is not important the resistance to the corrosion. Use with FLUX BW or FLUX BW/1. Brazing with flame, induction or furnace!

Base Metals

Steels, plain and alloyed. Also tungsten, molybdenum, tantalum and chromium; cemented carbides