



CEWELD CuNi10Zn42

TYPE CuZnNi alloyed brazing alloy with excellent strength

APPLICATIONS Joining: Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys etc. This alloy is mainly used in the furniture and the bicycle industry for high strength joining of steels, also is this alloy recommended for rebuilding cock wheels due to the good sliding properties.

PROPERTIES Good flowing high strength Ni-brass alloy containing Nickel for more strength and bridging capability during brazing with excellent rebuilding properties. Flux/Paste: CEWELD Universal-Flux

CLASSIFICATION

AWS	A 5.8: RBCuZn-D
EN ISO	17672: Cu 773
W.Nr.	2.0711
F-nr	35

SUITABLE FOR Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Ni	Cu	Zn
0.1	10	48	Rem.

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		785		180 HB

REDRYING Not required

MELTING RANGE 890 - 920°C

GAS ACC. EN ISO 14175