

CuNi10Zn42

CATEGORY Brazing

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.

CLASSIFICATION

AWS	A 5.8: RB CuZn-D
EN ISO	17672: CU 773
DIN: W.Nr.	2.0711
DIN	8513: L-CuZn10Zn42

APPROVALS CE approved

WELDING POSITIONS:



BRAZING ALLOY ANALYSIS %

Cu	Zn	Ni	Si
48.0	41.8	10	0.20

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Impact Energy (J) ISO-V		Melting range °C	Hardness HRc / HV
				-20°C	-40°C		
untreated		800				890-920	

PARAMETERS / PACKING

Parameters		Packing	
D (mm)	Length (mm)	kg / tubes	kg / Carton
2.0	500 / 1000	5	25
3.0	500 / 1000	5	25

REDRYING TEMPERATURE not required

NOTE Also available as fluxcoated version