

CuNi10ZnF

CATEGORY Brazing

TYPE CuZnNi high strenght fluxcoated brazing alloy.

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 High strength brass alloy containing Nickel for more strength and bridging capability during brazing. Due to the special flux coating this type is mostly used in maintenance and repair, the flux coated rod can be bended very well without losing flux.

CLASSIFICATION

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

WELDING POSITIONS:



BRAZING ALLOY ANALYSIS %

Cu	Zn	Si	Ni
48.0	41.8	0.20	10

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	

WELDING PARAMETERS / PACKING

D (mm)	Parameters		Packing
	Length (mm)		kg / tubes / cartons
2.0	500		1
3.0	500		1

REDRYING TEMPERATURE not required

NOTE Also available as bare rod (to be used with Universal flux)