

CuZn40G

CATEGORY Brazing

TYPE Universal fluxcored brass brazing alloy with good mechanical strength

APPLICATIONS Brazing: Steels, Copper, Cast iron, Copper alloys, Nickel and for welding Brass and Bronze. This alloy is mainly used in the furniture and the bicycle industry for joining steels, also this alloy can be used for rebuilding Brass-ship propellers by flame welding.

PROPERTIES Easy to use brass alloy for brazing without separate flux, (fluxcored rod) good mechanical properties and high corrosion resistance.

CLASSIFICATION

AWS	A 5.8: RB CuZnA
	UNS: C47000
EN ISO	1044: CU 303
DIN: W.Nr.	2.0533
DIN	8513: L-CuZn40

SUITABLE FOR Brass, Copper, Steels, Manganese bronze, Nickel alloys, Cast iron etc..

APPROVALS CE approved

WELDING POSITIONS:



ALLOY ANALYSIS %

Cu	Zn	Sn	Fe	Mn	Ni	Pb	Si	others total
57-61	rem	0,25-1,0	*	*	-	<0,05	*	<0,5

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		400				890-900	

BRAZING PARAMETERS /PACKING

Parameters		Packing
D (mm)	Length (mm)	KG / Tube
2.5	500	1

REDRYING TEMPERATURE not required