



CEWELD CuAl5Ni2

TYPE Copper aluminium nickel alloy for Mig welding and brazing

ANWENDUNGEN Low alloyed aluminum bronze, particularly suitable for joint welds on ferritic and austenitic steels. Good flowing properties with good cover groove, also suitable for joint welds on steels and copper. For multiplayer welding on steels, pulsed arc welding is recommended. Amazing results are obtained on stainless steel sheet metal due to less heat input, higher travel speed and less cleaning hours. Containers, valve control chambers, exhaust parts, thin sheet welding (steel and specially stainless steel) Ship propellers, shipbuilding, pump building, shafts, guide grooves etc.

EIGENSCHAFTEN Sound, pore free deposits on ferrous and non-ferrous base materials with excellent wetting. Due to the excellent wetting and low melting point welding speeds can be achieved upto 2 mtr/min. The weld deposit offers a corrosion resistance similar to AISI 304.

KLASSIFIKATION EN ISO 24373: Cu 6161 / CuAl5Ni2Mn
F-nr 36

GEEIGNET FÜR W.Nrs: 2.0916, 2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980.

ZULASSUNGEN

SCHWEISSPOSITIONEN



**TYPISCHE CHEMISCHE
ANALYSE DES
SCHWEISSMETALLS (%)**

Mn	Al	Ni+Co
0.5	5	1.8

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded		353	45	161	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 11



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CUAL5NI2 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409140