

DT-CuAl8Ni2

Copper Alloy MIG/MAG-Wire TIG – Rods

Specification:

DIN 1733: SG – CuAl8Ni2
Alloy-No.: 2.0922
AWS A-5.7 ER CuNiAl

Application:

CuAl-wire/rod for joining copper-aluminium alloys (7-9% Al) containing Nickel Manganese and Iron. Applications include overlaying of steel. Suitable for welding on cast iron.

Chemical Composition Element by weight (%):

Al: 8 Mn: 2,2 Fe: 2 Ni: 2,2 Cu: bal

Mechanical Properties: (typical)

0,2%Elongation (Rp0,2)	270 N/mm ²
Tensile Strength (Rm)	530 N/mm ²
Elongation (A)(Lo=5do)	30%
Impact energy (Av)	70 J
HB	140 Brinell

Approvals:

on demand

Shielding Atmosphere:

TIG-rods	(EN439) I 1
MIG/MAG-wire	(EN439) I 1

Selector Guide:

2.0920	2.0932	2.0936	2.0940	equivalent/comparable
2.0969	2.0966	2.0970	2.0971	” ”
2.0975	2.0978	2.0980		” ”

Packaging:

MIG/MAG: spools D 100 / D 200 / K 200 / K 300
TIG: 10-kg-boxes