

CARBO S- CuAl 8 CARBO T- CuAl 8

| International standards | | S = solid wi | vire T = bare rod | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-------------------------------------------|
| | Material No. | Material No. 2.0921 | | |
| | DIN 8575 | SG CuAl 8 | WSG CuAl 8 | |
| | AWS SFA-5.28 ER CuAl-A2 | | ER CuAl-A2 | |
| | | | | |
| Approvals | | | | |
| | | | | |
| Application notes | Solid wire for joint of Copper-Aluminium alloys and copper to copper. Joints. Also for platings of low alloyed steels and cast iron. | | | |
| | Also for platings of | i low alloyed steels | s and cast iron. | |
| Mechanical properties of all-weld-metal | Tensile strength R _m N/mm ² | Yielding strength R _{p0,2} N/mm ² | Elongation A ₅ % | Impact strength ISO – V J at -40° C |
| (typical values) | 420 | • • | - | |
| (typical values) | 430 | 200 | >25 | 100 |
| Hardness | 100 HB | | | |
| Weld metal analysis | Cu Al | | | |
| (typical, wt %) | Base 8 | | | |
| (9):00.,,, | Date | | | |
| | S = solid wire | | T = bare rod | |
| Gas types EN 439 | 11-13 | | 11 | |
| | | | | |
| Current | = + | | : | = _ |
| Diameter mm | 0,8 1,0 | 1,2 1,6 | 1,6 2,0 2 | 2,4 3,2 4,0 |
| Welding amps (A) min. | | | | |
| (A) max. | | | | |
| | | | | |
| coils, weight Rev. 001/13 | B300 15 kg. | | 10 kg./ carton | |

Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. Carbo-Weld may change the characteristics of its products without notice. We recommend the applier to check our products for their special application autonomously.