

Filler wire for welding Cu-Al alloys, aluminium bronze type (up to 10% of Al), but also for Cu/steel heterogenous mixes and brazing of galvanised steels. It is recommended for naval building, chemical industries (desalination of sea water), but also for heterogenous Cu/steel mixes and on galvanised steels .

■ Classification

AWS A5.7: ERCuAl-A1
EN ISO 24373: S Cu 6100 (CuAl7)
DIN 1733: SG-CuAl8

■ Applications

- Naval construction,
- Chemical industry,
- Car Body work.
- Car Body repair work with limited elasticity steels.

■ Benefits

- Resistant to saline environment.
- Recommended by PSA.

■ Polarity

DC +

■ Chemical properties

Cu %	Al %
Base	8.00

■ Mechanical properties

Rp 0,2	Rm	A 5	AV + 20°C	Hardness
200 Mpa	430 Mpa	40 %	100 J	140 HB

■ Recommendations

Gas protection compliant with EN ISO 14175
Argon (I1)



Packaging

weight (kg)	Wire reel type		Wire diameter (mm)			
			Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
2	S200	—	—	077409	—	—
5		—	—	086661	086197	—
15	S300	—	—	—	086180	—