

CEWELD CuSi 3 Laser brazing -welding wire

TYPE Copper-Silicon filler metal for Laser brazing.

TOEPASSINGEN Brazing thin plates and or galvanized plates in the car industry and also for cladding CuMn, CuSiMn and CuZn alloys. Suitable for cladding cast iron and un- and low alloyed steels. Examples: Automobile industry, art work, cladding on steel, cast iron and copper alloys etc.

EIGENSCHAPPEN High quality alloyed copper wire designed for laser welding and brazing. The deposit is a Copper-Silicon bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent corrosion resistance.

CLASSIFICATIE

AWS	A 5.7: ERCuSi-A
EN ISO	24373: Cu 6560 / CuSi3Mn1
W.Nr.	2.1461
F-nr	32

GESCHIKT VOOR Joining thin steel plates and or galvanized plates in the car industry and also for cladding CuMn, CuSiMn and CuZn alloys. Suitable for cladding cast iron and un- and low alloyed steels.

GOEDKEURINGEN

LASPOSITIES



**TYPICAL CHEMICAL
ANALYSIS OF THE FILLER
METAL (%)**

Si	Mn	Fe	Zn	Pb	Sn	Al	Cu
3.5	1	0.3	0.8	0.01	0.5	0.005	Rem.

MECHANISCHE WAARDEN

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		350		80 HB

HERDROGEN Not required

GAS ACC. EN ISO 14175 I1