



CEWELD SA 420C

TYPE

ANWENDUNGEN

EIGENSCHAFTEN

KLASSIFIKATION

GEEIGNET FÜR

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

MECHANISCHE GÜTEWERTE

RÜCKTROCKNUNG

GAS ACC. EN ISO 14175

Solid stainless steel welding wire for submerged arc welding. (Typ 420C)

he best all-purpose steel type for machine element work. Suitable for fairly corrosion resistant overlay welding with a hardness of approx. 54 HRc.

CEWELD® SA 420C offers fair general corrosion resistance combined with high hardness and excellent wear properties especially to face metal to metal wear problems . Fused flux CEWELD® FL 880 or agglomerated flux CEWELD® FL 838 can be used.

AWS

EN ISO

W.Nr.

F-nr

FM

A 5.9: ER420

14343-B: S 420

~1.4031

6

5

Shafts, Valves, seats, pistons, Dredging pump casings, continuous casting rollers etc.





C	Si	Mn	P	S	Cr	Ni	Mo
0.43	0.5	0.6	0.02	0.02	13	0.4	0.6

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded	250	450	15	54 HRc

Not required