CEWELD SA 80S-B8

certilas® THE FILLER METAL SPECIALIST

TYPE

Medium alloyed, high-strength 9% Cromium alloy SAW wire.

ANWENDUNGEN

Low alloyed copper-coated SAW wire with 9% Cr and 1% Mo to be used for welding creep resistant steel. It finds applications in power plants, chemical or petrol-chemical industry and in the ammonia synthesis process. It is also used for heat exchangers, boilers, piping and pressure vessels for temperature service up to ~600°C.

EIGENSCHAFTEN

The 9%Cr-1%Mo creep resistant alloy is used for service up to ~600°C particularly in environments involving hot hydrogen gas. Flux CEWELD® FL 880

KLASSIFIKATION

AWS	A 5.23: EB8
EN ISO	24598-A: S CrMo9
F-nr	6
FM	4

GEEIGNET FÜR

ASTM: A 182 Gr F9, A 199 Gr T9 , A 213 Gr T9 , A 217 Gr C12 , A 234 Gr WP9, A 335 Gr 9 , A 336 Gr F9 , A 387 Gr 9 , EN (BS 3100 Gr B6), (BS 3604 Gr CFS 629-470, HFS 629-470), (BS 3604 Gr HFS 629-590, CFS 629-590) , (DIN GS-12CrCrMo 10-1) , (DIN X12CrMo 9-1) , (DIN X7CrMo 9-1) W.Nr: 1.7386, 1.7388, 1.7389

ZULASSUNGEN

CE

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.08	0.4	0.6	0.01	0.01	8.7	0.18	1

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
730°C- 760°C 1h	540	660	19	55	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

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SA 80S-B8 3,2MM

Packaging	KG/unit	EanCode
B-450	25	8720663416995