CEWELD SACW 4820 (1.4820)

certilas® THE FILLER METAL SPECIALIST

TYPE

High heat resistant stainless steel alloy with low Nickel content for SAW welding.

APPLICATIONS

Cap layers for joining refractory Cr-Al-Si steels. Cladding corrosion resistant overlays. Cladding heat resistant overlays up to 1150°C. Cladding components in a sulphurous environment.

PROPERTIES

The weld deposit shows excelent resistance against abrasion at elevated temperatures and can be easely machined. CEWELD® SACW 4820 should be welded with CEWELD® FL 838 SAW flux.

CLASSIFICATION

W.Nr. 1.4820

SUITABLE FOR

1.4340, 1.4710, 1.4745, 1.4746, 1.4712, 1.4762, 1.4713, 1.4773, 1.4722, 1.4776, 1.4724, 1.4820, 1.4729, 1.4821, 1.4740, 1.4822, 1.4742, 1.4823
GX40CrNi27-4, G-X30CrSi6, G-X40CrSi23, X10CrSi6 502, X10CrAl24, X10CrAl7, X8Cr30, X10CrSi13, G-X40CrSi29, X8CrTi25, X10CrAl13, G-X12 CrSi 26 5, G-X40CrSi13, X20 CrNiSi 25 4, G-X40CrSi17, G-X40CrNi 25 4, X10CrAl18, G-X40CrNiSi 27 4,
AISI 327, 442, 446, ASTM A 297 HC
UNS S44200, 44600, J92605, J93005, J92605

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Mn	Si	Cr	Ni
0.07	0.7	0.4	25	4

MECHANICAL PROPERTIES

REDRYING

Not required

GAS ACC. EN ISO 14175

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SACW 4820 (1.4820) 3,2MM

Packaging	KG/unit	EanCode
S-760	248	8720663415936