



CEWELD S2 CrMo2

TYPE

ANWENDUNGEN

EIGENSCHAFTEN

KLASSIFIKATION

GEEIGNET FÜR

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

MECHANISCHE GÜTEWERTE

RÜCKTROCKNUNG

GAS ACC. EN ISO 14175

Submerged Arc wire for welding temperature resistant boiler steels and base metals.

Typical applications in power generation plant include steam piping, turbines and boilers; the alloy also finds applications in the chemical and petrol-chemical industries.

Submerged arc welding wire for high temperature creep resistant 2,45%Cr 1,0%Mo ferritic steel. These steels are used for creep resisting applications up to ~550°C. The wire has low levels of tramp elements (e.g. Sn, As, Sb and P) providing a low Bruscato Factor (X< 10 ppm) for temper embrittlement resistant applications. Recommended flux: FL 155

AWS

EN ISO

F-nr

FM

A 5.23: EB3

24598-A: S CrMo2

6

3

2,25% Cr, 1% Mo

1.7015, 1.7131, 1.7147, 1.7380, 1.7337, 1.7262, 1.7258, 1.7350, 1.7357, 1.7375, 1.7379, 1.7383, 1.7385, 1.7707, 1.8075

10CrMo9.10, 12CrMo9-10, 10CrSiMoV7, 12CrSiMo8, 30CrMoV9, GS-18CrMo9.10, 15CrMoV5-10, 16CrMo4-4, 15CrMo5, 24CrMo5, 22CrMo4-4, GS-17CrMo5-5, 15Cr3, 16MnCr5, 20MnCr5, 10CrSiV7,

ASTM: A 387 Gr. 22, A217 Grade WC9, A335 Gr. P22, A217 Gr. WC9, A182 F22, A182 T22, A1031 Gr.5015, A1031 Gr.5115, A1031 Gr.4820

CE

PA

PB

PC

C	Si	Mn	P	S	Cr	Mo
0.1	0.25	0.6	0.01	0.01	2.45	1

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	-20°C	
690°C±15°C 3h	490	600	24	100	50	HRc

Not required



CEWELD S2 CrMo2

S2 CRM02 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663404800

S2 CRM02 4,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663424303