CEWELD SG CrMo2 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Copper coated TIG welding wire for welding creep and hydrogen –resistant steels.

APPLICATIONS

For High pressure boiler steels, offshore, repair, construction, pipelines, tubing etc.

PROPRIÉTÉS

Extreme easy to weld with excellent welding properties. High world wide excepted quality with ultra clean weld deposit. Suitable for creep resistant service for working temperatures up to 600° C.

CLASSIFICATION

AWS	A 5.28: ER 90S-G, A 5.28: ~ER 90S-B3
EN ISO	21952-A: W CrMo2Si
W.Nr.	1.7384
F-nr	6
FM	3

CONVIENT POUR

2,25% Cr, 1% Mo ISO 15608: ~5,2 (1,5 % < Cr < 3,5 % und 0,7%
1.7015, 1.7131, 1.7147, 1.7276, 1.7281,1.7380, 1.7337, 1.7262, 1.7258, 1.7350, 1.7357, 1.7375, 1.7379, 1.7380, 1.7383, 1.7385, 1.7707, 1.8075
10CrMo9-10, 10CrMo11, 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

AGRÉMENTS

CE

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)

C	Si	Mn	Cr	Mo	Cu
0.08	0.56	0.93	2.48	1.05	0.05

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-40°C	
720°C±15°C 2h	550	630	19	100	55	HRc

ETUVAGE

Not required

GAS ACC. EN ISO 14175

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SG CRMO2 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411457

SG CRMO2 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411471

SG CRMO2 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411495

SG CRMO2 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411518