



# CEWELD SG CrMo2 Tig

**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.

**PROPERTIES** 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
EN ISO	21952-A: W CrMo2Si
W.Nr.	1.7384
F-nr	6
FM	3

**SUITABLE FOR** **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

**APPROVALS** CE

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

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

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT	-40°C	
720°C±15°C 2h	550	630	19	100	55	HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD SG CrMo2 Tig

SG CRM02 TIG 1,6 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411457

SG CRM02 TIG 2,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411471

SG CRM02 TIG 2,4 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411495

SG CRM02 TIG 3,2 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411518