



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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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



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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