



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

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

ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V	
					RT	-40°C
	720°C±15°C /2h	550	630	19	100	55

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD SG CrMo2 Tig

SG CRM02 TIG 1,6 X
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411457

SG CRM02 TIG 2,0 X
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411471

SG CRM02 TIG 2,4 X
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411495

SG CRM02 TIG 3,2 X
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411518