



CEWELD SG CrMo1 Tig

TYPE Copper coated welding wire for welding creep and hydrogen-resistant steels. (Type CrMo1, B2)

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

PROPERTIES Extreme easy to weld with excellent welding properties. Suitable to offer creep resistance for working temperatures up to 550° Celsius.

CLASSIFICATION

AWS	A 5.28: ER 80S-G
EN ISO	21952-A: W CrMo1Si
W.Nr.	1.7339
F-nr	6
FM	3

SUITABLE FOR **Typ 1Cr0,5Mo, ISO 15608: ~5,1**
 1.7335, 1.7262, 1.7728, 1.7218, 1.7225, 1.7258, 1.7354, 1.7357, 1.7205, 1.7218, 1.7225, 1.7228, 1.7254, 1.7262, 1.7335, 1.7337, 1.7350, 1.7354, 1.7357, 13CrMoV42, 13CrMo4-4, 13CrMo4-5, 15CrMo3, 15CrMo5, 13CrMoV42, 15Cr3, 16MnCr5, 20MnCr5, 15CrMo5, 24CrMo5, 25CrMo4, GS-22CrMo5, GS-22CrMo54, GS 17CrMo5-5, 16CrMoV4, 42CrMo4, 42CrMo4V, 41CrMo4V
 ASTM A 182 Gr. F11 / F12; A 193 Gr. B7; A 213 Gr. T12; A 217 Gr. WC6; A 234 Gr. WP11; A335 Gr. P11, P12; A 336 Gr. F11, F12; A 426 Gr. CP12 ; A 199; A200; A 387 Gr A11 / 12

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Mo
0.09	0.6	1	1.1	0.5

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	-40°C	
690°C±15°C 1h	460	560	22	80	47	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



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SG CRM01 TIG 1,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411396

SG CRM01 TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411402

SG CRM01 TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411419

SG CRM01 TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411426

SG CRM01 TIG 3,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411433