



# 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
F-nr	6
FM	3
W.Nr.	1.7339

**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

**ALL WELD MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	RT	Impact Energy (J) ISO-V -40°C
690°C±15°C /1h	460	560	22	80	47

**REDRYING TEMPERATURE** Not required

**GAS ACCORDING EN 14175** I1



# CEWELD SG CrMo1 Tig

SG CRM01 TIG 1,2 X  
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411396

SG CRM01 TIG 1,6 X  
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411402

SG CRM01 TIG 2,0 X  
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411419

SG CRM01 TIG 2,4 X  
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411426

SG CRM01 TIG 3,2 X  
1000MM

Type	KG/unit	EANCode
Tube	5	8720663411433