



# CEWELD SG CrMo1 Tig

**TYPE** Copper coated welding wire for welding creep and hydrogen-resistant steels

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

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

**KLASSIFIKATION**

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

**GEEIGNET FÜR** **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

**ZULASSUNGEN** CE

**SCHWEISSPOSITIONEN**



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Mo
	0.09	0.6	1	1.1	0.5

MECHANISCHE GÜTEWERTE	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	
	690°C±15°C 1h	460	560	22	80	47	HRc

**RÜCKTROCKNUNG** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD SG CrMo1 Tig

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