


# 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. High world wide excepted quality with controlled cast and helix for semi and or semi-automatic applications. 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	<b>Typ 1Cr0,5Mo, ISO 15608: ~5,1</b> 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
	690°C±15°C 1h	460	560	22	RT      -40°C	HRc
					80      47	
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