



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. 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

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 _{P0,2}	R _m	A ₅	Impact Energy (J) ISO-V
	690°C±15°C /1h	MPa	MPa	(%)	
		460	560	22	RT -40°C 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