



CEWELD SG 1 Tig

TYPE Copper coated welding wire developed for Tig welding of un and -low alloyed steels with low silicon and manganese content.

ANWENDUNGEN Shipbuilding, offshore, repair, construction, car-plate welding etc...

EIGENSCHAFTEN Extreme easy to weld with excellent welding properties suitable for welding galvanized plates or weld deposits that have to be galvanized afterwards due to the low silicon content.

KLASSIFIKATION

AWS	A 5.18: ER 70S-3
EN ISO	636-A: W 42 2 W2Si
F-nr	6
FM	1

GEEIGNET FÜR St 33 – St 52 ,A, E, AH, EH ,HI-HIII, 17Mn4, St 37.0/4 – St 52.0/4, StE 255 – StE 420

ZULASSUNGEN CE

SCHWEISSPOSITIONEN

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
0.08	0.6	1.1	0.009	0.014	0.06	0.03	0.01	0.003	0.03	0.003	0.012

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				-20°C		
As Welded	470	560	30	100		HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 11



CEWELD SG 1 Tig

SG 1 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411198

SG 1 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411204

SG 1 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411211

SG 1 TIG 3,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411273

SG 1 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411228