



CEWELD SG Corten Tig

TYPE	Verkoperde lasdraad voor het TIG lassen van weerbestendig staal.																	
TOEPASSINGEN	Corten staal constructies, kunstwerken, bruggen, gevelbekleding, decoratieve elementen, onderhoudsvriendelijke constructiedelen, balkonafsluiting en balustrades etc.																	
EIGENSCHAPPEN	Door de toevoeging van 0,5% koper en 0,8% Ni biedt deze legering uitstekende weerbestendige eigenschappen.																	
CLASSIFICATIE	AWS	A 5.28: ER 80S-G																
	EN ISO	636-A: W 42 4 Z2NiCu																
	F-nr	6																
	FM	1																
GESCHIKT VOOR	CuNi, Reh ≤ 460MPa ISO 15608: 1.4 1.8963, 1.8946, 1.8965 S235JRG2Cu, S235J2G4Cu, S235J0Cu, S235JRW, S355J0Cu, S355J2G3Cu, S355J0W, 235J2W- S355J2W, S355K2W, WTSt 37, WTSt 52, ASTM A 588M Grade A,B, C...K, A 618 Gr. II; A 709 Gr. 50 WF3 CORten A, B, C, Patinax 37																	
GOEDKEURINGEN	CE																	
LASPOSITIES																		
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Ni</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.6</td> <td>1.3</td> <td>0.015</td> <td>0.015</td> <td>0.8</td> <td>0.4</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Ni	Cu	0.08	0.6	1.3	0.015	0.015	0.8	0.4			
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MECHANISCHE WAARDEN	<table border="1"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0.2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th colspan="2">-40°C</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>460</td> <td>570</td> <td>22</td> <td colspan="2">55</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	-40°C		As Welded	460	570	22	55		HRc	
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		-40°C																
As Welded	460	570	22	55		HRc												
HERDROGEN	Not required																	
GAS ACC. EN ISO 14175	I1																	



CEWELD SG Corten Tig

SG CORTEN TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406279

SG CORTEN TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	2,5	8720663406286

SG CORTEN TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406293

SG CORTEN TIG 3,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406309