



# CEWELD SG Ni2,5 Tig

<b>TYPE</b>	Solid welding wire for extra low temperature applications.	
<b>TOEPASSINGEN</b>	Filler metal developed for fine grain steels and cold-tough steels. Typical applications are welding boilers for liquid petrol gas (LPG)	
<b>EIGENSCHAPPEN</b>	A copper coated, Ni-alloyed (2,4% Ni), solid wire for low temperature steels in applications such as vessels, pipes and in the offshore industry with a minimum yield strength of 470 MPa. The wire provides excellent impact toughness down to -60°C.	
<b>CLASSIFICATIE</b>	AWS	A 5.28: ER 80S-Ni2
	EN ISO	636-A: W 42 9 2Ni2
	F-nr	6
	FM	1
<b>GESCHIKT VOOR</b>	For cryogenic construction steels and Ni bearing low temperature steels.	
	11MnNi5-3, 13MnNi6-3, 15NiMn6, S275NL-S460NL, S275ML-S460ML, P275NL2-P460NL2, P355ML2-P460ML2	
	ASTM: A203 grade A/B, A333/A334 grades 1/6/7, A350 grade LF2/LF5/LF6, A352 grade LC1/LC2	

**GOEDKEURINGEN** CE

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Ni
0.1	0.5	1.05	2.45

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V			Hardness
				-40°C	-60°C	-80°C	
As Welded	540	630	28	100	60	47	HRc

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD SG Ni2,5 Tig

SG NI2,5 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405784
SG NI2,5 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405791
SG NI2,5 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405807
SG NI2,5 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405814