



# CEWELD SG Ni2,5

<b>TYPE</b>	Solid welding wire for extra low temperature applications.							
<b>APPLICATIONS</b>	This Filler metal was developed for fine-grain steels and low-temperature steels. Typical applications are welding boilers for liquid petrol gas (LPG)							
<b>PROPRIÉTÉS</b>	He is 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>CLASSIFICATION</b>	AWS	A 5.28: ER 80S-Ni2						
	EN ISO	14341-A: G 46 6 M21 2Ni2						
	F-nr	6						
	FM	1						
<b>CONVIENT POUR</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							
<b>AGRÉMENTS</b>	CE							
<b>POSITIONS DE SOUDAGE</b>								
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	C	Si	Mn	P	S	Ni		
	0.1	0.5	1.1	0.015	0.015	2.5		
<b>PROPRIÉTÉS MÉCANIQUES</b>	Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V			Hardness
	As Welded	540	630	28	-40°C	-60°C	-70°C	HRc
					100	60	47	
<b>ETUVAGE</b>	Not required							
<b>GAS ACC. EN ISO 14175</b>	M21							



# CEWELD SG Ni2,5

SG NI2,5 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405746

SG NI2,5 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405753

SG NI2,5 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405760

SG NI2,5 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405777