



# CEWELD SG NiMo1

<b>TYPE</b>	Solid welding wire for fine grain steels and cold-tough steels.						
<b>ANWENDUNGEN</b>	Offshore drilling equipment, crane building, pipeline, platforms, Vessel etc.						
<b>EIGENSCHAFTEN</b>	SG NiMo1 is a 0.9% Ni-alloyed (ER80S-Ni1), copper-coated, solid wire for the GMAW/GTAW of low-temperature, fine-grained steels. The deposit provides good impact toughness down to -50°C and is especially suitable for use in the offshore industry.						
<b>KLASSIFIKATION</b>	AWS	A 5.28: ER 80S-Ni1					
	EN ISO	14341-A: G Z3Ni1					
	F-nr	6					
	FM	1					
<b>GEEIGNET FÜR</b>	S255, S550, P355NL1, P460NL1, StE460-590, USS-T, TTSStE47-51, WT St37-2, WT St37-3, WT St52-3, WT St52-3A, StE 620 ASTM: A516, A350, A612, A255, A299, A333, X42, X60, X70, X80, 4130, 8630						
<b>ZULASSUNGEN</b>	CE						
<b>SCHWEISSPOSITIONEN</b>							
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	C	Si	Mn	P	S	Ni	Mo
	0.1	0.5	1.2	0.015	0.015	0.95	0.18
<b>MECHANISCHE GÜTEWERTE</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	500	620	25	RT	-50°C	HRc
					150	100	
<b>RÜCKTROCKNUNG</b>	Not required						
<b>GAS ACC. EN ISO 14175</b>	M21						



# CEWELD SG NiMo1

SG NIM01 0,8MM

Packaging	KG/unit	EanCode
D-200	5	8720663405654

SG NIM01 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663416759

SG NIM01 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663416780