



CEWELD SG NiMo1

TYPE Solid welding wire for fine grain steels and cold-tough steels.

APPLICATIONS Offshore drilling equipment, crane building, pipeline, platforms, Vessel etc.

PROPERTIES 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.

CLASSIFICATION

AWS	A 5.28: ER 80S-Ni1
EN ISO	14341-A: G Z3Ni1
F-nr	6
FM	2

SUITABLE FOR S255, S550, P355NL1, P460NL1, StE460-590, USS-T, TTStE47-51, 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

APPROVALS CE

WELDING POSITIONS

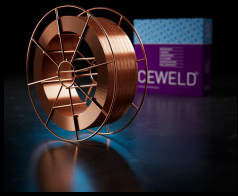


TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Ni	Mo
	0.1	0.5	1.2	0.015	0.015	0.9	0.3

ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V
	As Welded /	500	620	25	RT -50°C
					150 100

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 M21



CEWELD SG NiMo1

SG NiMo1 0,8MM

Type	KG/unit	EANCode
D-200	5	8720663405654

SG NiMo1 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663416759

SG NiMo1 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663416780