



CEWELD SG NiMo1

TYPE	Solid welding wire for fine grain steels and cold-tough steels.						
ANWENDUNGEN	Offshore drilling equipment, crane building, pipeline, platforms, Vessel etc.						
EIGENSCHAFTEN	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.						
KLASSIFIKATION	AWS	A 5.28: ER 80S-Ni1					
	EN ISO	14341-A: G Z3Ni1					
	F-nr	6					
	FM	1					
GEEIGNET FÜR	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						
ZULASSUNGEN	CE						
SCHWEISSPOSITIONEN							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Ni	Mo
	0.1	0.5	1.2	0.015	0.015	0.95	0.18
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
	As Welded	500	620	25	RT	-50°C	HRc
					150	100	
RÜCKTROCKNUNG	Not required						
GAS ACC. EN ISO 14175	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