




# CEWELD SG3 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, riser piping etc.						
<b>EIGENSCHAFTEN</b>	CEWELD SG3 NiMo1 is a 0.9% Ni-alloyed, high manganese containing, copper-coated, solid wire for the GMAW/GTAW of low-temperature, fine-grained steels suitable for NACE requirements. The deposit provides good impact toughness down to -50°C and is especially suitable for use in the offshore industry such as riser pipes that often are heat treated after welding..						
<b>KLASSIFIKATION</b>	AWS	A 5.28: ER 90S-G					
	EN ISO	16834-A: G 62 6 M21 Mn3Ni1Mo					
	F-nr	6					
	FM	2					
<b>GEEIGNET FÜR</b>	P460NL1, P460ML1, S460Q-S550Q, S460QL-S550QL, P460Q-P500Q, P460QL1- 500QL1. 15NiCuMoNb5-6-4 (1.6368) ASTM: A182 grade F36, A335 grade P36, A533, A537, X70, X80, 4130, 4140, 8630 25CrMo4, 42CrMo4						
<b>ZULASSUNGEN</b>	CE						
<b>SCHWEISSPOSITIONEN</b>							
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	C	Si	Mn	P	S	Ni	Mo
	0.12	0.5	1.75	0.01	0.01	0.9	0.55
<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	640	740	20	-50°C		
					100		HRc
<b>RÜCKTROCKNUNG</b>	Not required						
<b>GAS ACC. EN ISO 14175</b>	M21						



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SG3 NIM01 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405661