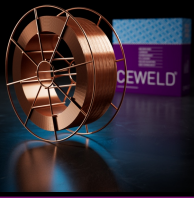




CEWELD SG NiMo1

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 80S-Ni1</td> </tr> <tr> <td>EN ISO</td> <td>14341-A: G Z3Ni1</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>1</td> </tr> </table>	AWS	A 5.28: ER 80S-Ni1	EN ISO	14341-A: G Z3Ni1	F-nr	6	FM	1								
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EN ISO	14341-A: G Z3Ni1																
F-nr	6																
FM	1																
SUITABLE FOR	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																
APPROVALS	CE																
WELDING POSITIONS																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.5</td> <td>1.2</td> <td>0.015</td> <td>0.015</td> <td>0.95</td> <td>0.18</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Ni	Mo	0.1	0.5	1.2	0.015	0.015	0.95	0.18		
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		RT	-50°C														
As Welded	500	620	25	150	100	HRc											
REDRYING	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