



# CEWELD S1

<b>TYPE</b>	Solid wire for welding non-alloyed steel					
<b>ANWENDUNGEN</b>	Shipbuilding, pressure vessels, steel structures.					
<b>EIGENSCHAFTEN</b>	Coppered solid wire for SAW welding in combination with our FL 180 flux					
<b>KLASSIFIKATION</b>	AWS	A 5.23: EL12				
	EN ISO	14171-A: S1				
	F-nr	6				
	FM	1				
<b>GEEIGNET FÜR</b>	Unalloyed steels: St 33 – St 52 Ship building: A, E, AH, EH Boiler steels: HI-HIII, 17Mn4, Pipe steels: St 37.0/4 – St 52.0/4 Fine-grain steels: StE 255 – StE 420					
<b>ZULASSUNGEN</b>	CE					
<b>SCHWEISSPOSITIONEN</b>						
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	C	Si	Mn	P	S	
	0.1	0.5	0.5	0.015	0.02	
<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 0°C	Hardness
	As Welded	410	530	26	60	HRc
<b>RÜCKTROCKNUNG</b>	Not required					
<b>GAS ACC. EN ISO 14175</b>						



# CEWELD S1

S1 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663404251

S1 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663404268