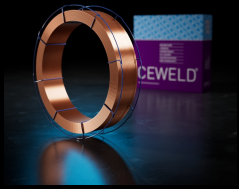


# CEWELD S1

<b>TYPE</b>	Solid wire for welding non-alloyed steel				
<b>APPLICATIONS</b>	Shipbuilding, pressure vessels, steel structures.				
<b>PROPERTIES</b>	Coppered solid wire for SAW welding in combination with our FL 180 flux				
<b>CLASSIFICATION</b>	AWS	A 5.23: EL12			
	AWS	A 5.17: EL12			
	EN ISO	14171-A: S1			
	F-nr	6			
	FM	1			
<b>SUITABLE FOR</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>APPROVALS</b>	CE				
<b>WELDING POSITIONS</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>ALL WELD MECHANICAL PROPERTIES</b>	Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A5 (%)	Impact Energy (J) ISO-V 0°C
	As Welded /	410	530	26	60
<b>REDRYING TEMPERATURE</b>	Not required				
<b>GAS ACCORDING EN 14175</b>					



# CEWELD S1

S1 2,4MM

Type	KG/unit	EANCode
K-415	25	8720663404251

S1 3,2MM

Type	KG/unit	EANCode
K-415	25	8720663404268