



# CEWELD S1 CrMo5

<b>TYPE</b>	Copper coated solid wire										
<b>APPLICATIONS</b>	Typical applications are found in the oil refinery industry.										
<b>PROPERTIES</b>	Submerged arc welding (5% chromium wire) for high temperature creep resistant steels. Flux CEWELD® FL 880										
<b>CLASSIFICATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.23: EB6</td> </tr> <tr> <td>EN ISO</td> <td>24598-A: S CrMo5</td> </tr> <tr> <td>W.Nr.</td> <td>1.7374</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>4</td> </tr> </table>	AWS	A 5.23: EB6	EN ISO	24598-A: S CrMo5	W.Nr.	1.7374	F-nr	6	FM	4
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EN ISO	24598-A: S CrMo5										
W.Nr.	1.7374										
F-nr	6										
FM	4										
<b>SUITABLE FOR</b>	X12CrMo5, GX12CrMo5 ASTM: A182/A336 Grade F5, A199/A213 Grade T5, A217 Grade C5, A234 Grade WP5, A335 Grade P5, A387 Grade 5										

**APPROVALS** CE

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	P	S	Cr	Mo
0.08	0.3	0.5	0.01	0.01	6	0.6

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
720°C±15°C 1h	510	630	20	60		HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD S1 CrMo5

S1 CRM05 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663404343

S1 CRM05 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663404336

S1 CRM05 4,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404329