



# CEWELD S1 CrMo5

**TYPE** Copper coated solid wire

**APPLICATIONS** Typical applications are found in the oil refinery industry.

**PROPERTIES** Submerged arc welding (5% chromium wire) for high temperature creep resistant steels. Flux CEWELD® FL 880

**CLASSIFICATION**

AWS	A 5.23: EB6
EN ISO	24598-A: S CrMo5
W.Nr.	1.7373
F-nr	6
FM	4

**SUITABLE FOR** **5%Cr-0.5% Mo ISO 15608: ~5,3 (C<0,35, 3,5 % < Cr ≤ 7,0 % and 0,4 % < Mo ≤ 0,7 %)**  
 1.7259, 1.7273, 1.7276, 1.7281, 1.7362, 1.7363, 1.7365, 1.7366, 1.7375, 1.7379, 1.7380, 1.8075  
 GX12CrMo5, X12CrMo5, 10CrMo9-10, 12CrMo9-10, 26CrMo7, 24CrMo10, 10CrMo11, 16CrMo9-3, 10CrSiMoV7  
 ASTM A 182 Gr. F5; A 193 Gr. B5; A 213 Gr. T5; A217 Gr. C5; A 234 Gr. WP5; A 314 Gr. 501; A335 Gr. P5 u. P5c; A 369 Gr. FB 5; A 387 Gr. 5; A 426 Gr. CP5

**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