



CEWELD S1 CrMo5

TYPE Copper coated solid wire

ANWENDUNGEN Typical applications are found in the oil refinery industry.

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

KLASSIFIKATION

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

GEEIGNET FÜR **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

ZULASSUNGEN CE

SCHWEISSPOSITIONEN



TYPISCHE CHEMISCHE
ANALYSE DES
FÜLLMETALLS (%)

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

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				RT	
720°C±15°C 1h	510	630	20	60	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175



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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