



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 ($C<0,35$, $3,5 \% < Cr \leq 7,0 \%$ and $0,4 \% < Mo \leq 0,7 \%$) 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	 PA  PB  PC						
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 _{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
REDRYING	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