



CEWELD S2 CrMo2

TYPE	Submerged Arc wire for welding temperature resistant boiler steels and base metals.						
APPLICATIONS	Typical applications in power generation plant include steam piping, turbines and boilers; the alloy also finds applications in the chemical and petrol-chemical industries.						
PROPERTIES	Submerged arc welding wire for high temperature creep resistant 2,45%Cr 1,0%Mo ferritic steel. These steels are used for creep resisting applications up to ~550°C. The wire has low levels of tramp elements (e.g. Sn, As, Sb and P) providing a low Bruscato Factor (X< 10 ppm) for temper embrittlement resistant applications. Recommended flux: FL 155						
CLASSIFICATION	AWS	A 5.23: EB3~					
	EN ISO	24598-A: S CrMo2					
	F-nr	6					
	FM	3					
SUITABLE FOR	2,25% Cr, 1% Mo 1.7015, 1.7131, 1.7147, 1.7380, 1.7337, 1.7262, 1.7258, 1.7350, 1.7357, 1.7375, 1.7379, 1.7383, 1.7385, 1.7707, 1.8075 10CrMo9.10, 12CrMo9-10, 10CrSiMoV7, 12CrSiMo8, 30CrMoV9, GS-18CrMo9.10, 15CrMoV5-10, 16CrMo4-4, 15CrMo5, 24CrMo5, 22CrMo4-4, GS-17CrMo5-5, 15Cr3, 16MnCr5, 20MnCr5, 10CrSiV7, ASTM: A 387 Gr. 22, A217 Grade WC9, A335 Gr. P22, A217 Gr. WC9, A182 F22, A182 T22, A1031 Gr.5015, A1031 Gr.5115, A1031 Gr.4820						
APPROVALS	CE						
WELDING POSITIONS	 PA  PB  PC						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Mo
	0.1	0.25	0.95	0.01	0.01	2.45	1
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Impact Energy (J) ISO-V		
	690°C±15°C /3h	500	600	24	RT	-20°C	
					100	50	
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175							



CEWELD S2 CrMo2

S2 CRM02 3,2MM

Type	KG/unit	EANCode
K-415	25	8720663404800

S2 CRM02 4,0MM

Type	KG/unit	EANCode
K-415	25	8720663424303