



CEWELD SACW CrMo1

TYPE	Seamless copper coated wire Type11						
TOEPASSINGEN	These steels are used for creep resisting applications up to ~550 °C.						
EIGENSCHAPPEN	SACWCrMo1 is a cored wire for high temperature creep resistant 1.25%Cr-0.5%Mo ferritic steel, i.e. P11/P12 Typical with FL 155 Flux or FL 160						
CLASSIFICATIE	AWS	A 5.23: EB2					
	EN ISO	24598-A: S T CrMo1					
	F-nr	6					
	FM	4					
GESCHIKT VOOR	Type 1Cr 0,5Mo, ISO 15608: ~ 5.1 1.7335, 1.7262, 1.7728, 1.7218, 1.7225, 1.7258, 1.7354, 1.7357, 13CrMo4-5, 15CrMo5, 16CrMoV4, 25CrMo4, 42CrMo4, 24CrMo5, G22CrMo5-4, G17CrMo5-5 ASTM A 182 Gr. F12; A 193 Gr. B7; A 213 Gr. T12; A 217 Gr. WC6; A 234 Gr. WP11; A335 Gr. P11, P12; A 336 Gr. F11, F12; A 426 Gr. CP12						
GOEDKEURINGEN							
LASPOSITIES	  						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Mo
	0.1	0.2	0.8	0.015	0.015	1.2	0.5
MECHANISCHE WAARDEN	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					RT	-20°C	
	675°C- 705°C 1h	470	570	22	100	50	HRc
HERDROGEN	Not required						
GAS ACC. EN ISO 14175							