



CEWELD SACW Mo

TYPE	Seamless copper coated wire Type P1	
TOEPASSINGEN	SA CW Mo is a cored wire for 0.5%Mo steels, i.e. P1. These steels are commonly used at service temperatures up to 500 °C and for some sub-zero structural applications.	
EIGENSCHAPPEN	The 0.5% alloying improves creep performance compared to CMn steels and sees the alloy being used for boiler, pressure vessel and piping construction. Typical with FL 155 Flux or FL 160	
CLASSIFICATIE	AWS EN ISO F-nr FM	A 5.23: F8A4-ECA1 24598-A: S T Mo FB 6 4
GESCHIKT VOOR	S355J0, E335, P285NH, P310GH, S355J0Cu, 16Mo3, P315N - S420N, P315NH - P420NH fine grain structural steels up to S460N/P460N, large-diameter pipes up to L485MB	

GOEDKEURINGEN

LASPOSITIES



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Mo
0.1	0.2	0.09	0.02	0.02	0.5

MECHANISCHE WAARDEN

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				-20°C	-40°C	
675°C- 705°C 1h	490	570	24	120	80	HRc

HERDROGEN Not required

GAS ACC. EN ISO 14175