



CEWELD SACW Mo

TYPE Seamless copper coated wire Type P1

ANWENDUNGEN 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.

EIGENSCHAFTEN 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

KLASSIFIKATION

AWS	A 5.23: F8A4-ECA1
EN ISO	24598-A: S T Mo FB
F-nr	6
FM	4

GEEIGNET FÜR S355J0, E335, P285NH, P310GH, S355J0Cu, 16Mo3, P315N - S420N, P315NH - P420NH fine grain structural steels up to S460N/P460N, large-diameter pipes up to L485MB

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

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

MECHANISCHE GÜTEWERTE

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

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175