



CEWELD SACW 410 NiMoN

TYPE Tubular wire based on a 13% Chromium and 4% Nickel deposit stabilized with Niobiumn.

APPLICATIONS Cladding wear resistant overlays in steel mills and applications of the same kind.

PROPERTIES Higher productivity, higher deposition rates and improved wetting properties compared to solid wires with comparable analysis. Attractive bead appearance without slag residues. Hard facing alloy with excellent thermo shock resistance and increased hardness due to additions of Vanadium and Niobium. Best to be used with FL 915 or FL 8111 welding flux.

CLASSIFICATION AWS A 5.9: ER410NiMo
EN ISO 14700: T Fe7

SUITABLE FOR **13%Cr - 4%Ni - 0,5%Mo Steel**
1.4000, 1.4001, 1.4002, 1.4313, 1.4317, 1.4407, 1.4413, 1.4414,
GX4CrNi13-4, X3CrNiMo13-4, GX5CrNiMo13-4, GX4CrNiMo13-4, X 6 Cr 13, X 7 Cr 14, X 6 CrAl 13
ACI Gr. CA 6 NM

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo	N
0.06	0.5	0.6	12.5	4.4	0.5	0.1

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Hardness Rockwell C
As Welded /				Avg. 45

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175