



# CEWELD SACW NiMo

**TYPE** Seamless copper coated wire Type P36.

**APPLICATIONS** Suitable for economical processing on heat-resistant Mo steels up to 500 °C operating temperature.

**PROPERTIES** SACW NiMo is a cored wire for for high temperature creep resistant 0,5%Mo ferritic steel, i.e. P36 he have a very crack resistant weld metal due to the protective effect of the slag in combination with low hydrogen content Typical with FL 155 Flux

**CLASSIFICATION**

AWS	A 5.23: F8A6-ECG
EN ISO	24598-A: S T Z
F-nr	6
FM	4

**SUITABLE FOR** For matching P36 / W36 creep resisting ferritic steels.  
15NiCuMoNb5, 20MnMoNi4-5, 11NiMoV53, 17MnMoV6-4

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	P	S	Ni	Mo
0.08	0.4	1.1	0.015	0.015	1	0.4

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V	Hardness
				-40°C	
675°C- 705°C 1h	550	640	20	70	HRc

**REDRYING** Not required

**GAS ACC.** EN ISO 14175