



CEWELD NILO Alloy 36

TYPE Filler metal with extreme low thermal expansion.

APPLICATIONS Welding applications that require the lowest thermal expansion to avoid solidification and reheat cracking.

PROPERTIES NILO Alloy 36 is used for welding NILO Alloy 36, NILO Alloy 36 is formulated to have low thermal expansion characteristics similar to NILO Alloy 36, while providing freedom from solidification and reheat cracking. NILO Alloy 36 is available for Tig, Mig and SAW process.

CLASSIFICATION W.Nr. 1.3990

SUITABLE FOR NILO Alloy 36, Invar, cast Iron

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

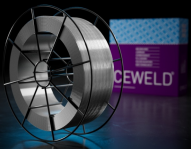
C	Mn	Ni	Fe	Nb	Ti
0.25	0.5	36	Rem.	1.5	1

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	360	550	25	60		HRC

REDRYING Not required

GAS ACC. EN ISO 14175 11, 13



CEWELD NILO Alloy 36

NILO ALLOY 36 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663417831
BS-300	13,6	8720663417848