



CEWELD NiCro 601 Tig

TYPE Nickel-Chromium-Aluminum alloy for TIG welding Alloy 601.

APPLICATIONS CEWELD® 601 Tig is used for severe applications where the exposure temperature can exceed 2100°F [1150°C].

PROPRIÉTÉS Excellent resistance against corrosion and oxidation and suitable for applications when exposed to hydrogen sulfide or sulfur dioxide.

CLASSIFICATION
 AWS A 5.14: ER NiCrFe-11
 EN ISO 18274: S Ni 6601(NiCr23Fe15Al)
 F-nr 43
 FM 6

CONVIENT POUR The nominal composition (wt.-%) of filler metal of this classification is 61 Ni, 23 Cr, 14 Fe, and 1.4 Al. Filler metal of this classification is used for welding nickel-chromium-iron-aluminum alloy (ASTM B 166, B 167, and B 168 having UNS number N06601) to itself and to other high-temperature compositions.

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Fe	Cu	Al
0.08	0.27	0.9	0.01	0.01	23	61	15	0.1	1.5

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		660	48	HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1



CEWELD NiCro 601 Tig

NICRO 601 TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663418302

NICRO 601 TIG 2,0 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663418319

NICRO 601 TIG 2,4 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663418326