



A₅ 'NI601

Classification

ISO 18274 : S-Ni 6601 (NiCr23Fe15Al) Material N° : 2.4626
 AWS 5.14 : ERNiCrFe-11

Description & Applications

Solid wire for GMAW of similar Nickel-Chromium-Iron-Aluminium alloys. Used in the construction of equipments submitted to high temperature up to 1150°C, like furnaces, heat treatment equipments. Preferred process: GTAW automatic.

Base material:

UNS	Alloy	DIN	Material N°
N06600	600	NiCr15Fe	2.4816
N06601	601	NiCr23Fe	2.4851

Typical Chemical Composition (%)

C	Si	Mn	Cr	Fe	Al	Cu	Co	P	S	Ni
0.05	0.2	0.5	23.0	14.0	1.3	0.1	0.3	<0.01	<0.01	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)
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Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				

Ind.10



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