



A₅ 'NIW

Classification

ISO 18274 : S-Ni 1004 (NiMo25Cr5Fe5) AMS : 5786
 AWS A5.14 : ERNiMo-3

Description & Applications

Solid wire for GMAW of dissimilar nickel alloys known as HASTELLOY W®.

Main applications: Used in the aeronautical industry for reparation and maintenance of engines.

® Trade mark of Haynes alloys

Typical Chemical Composition (%)

C	Si	Mn	Cr	Mo	Fe	W	P	S	Ni
0.03	0.2	0.4	5.0	24.0	6.0	0.03	<0.01	<0.01	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				Ar + He Ar/He + 0.05% CO ₂ 18-20 l/min

Ind.10



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