ERNiCrMo-4

AWS A 5.14 ERNiCrMo-4 refers to Hastelloy UNS N10276.

AWS A 5.14 ERNiCrMo-4 Chemical Composition

C	Mn	Fe	P	S	Si	Cu	Ni	Co	Al	Ti	Cr	Nb+Ta	Mo	V	W	Others
0.02	1	1.0-7.0	0.04	0.03	0.08	0.5	Balance	2.5	/	/	14.5-16.5	/	15.0-17.0	0.35	3.0-4.5	0.5

AWS A 5.14 ERNiCrMo-4 weld overlay

The high molybdenum of AWS 5.14 ERNiCrMo-4 offers strong resistance to pitting, crevice corrosion and stress corrosion cracking at both reducing acids and oxidation acids.

ERNiCrMo-4 Mechanical Properties

Grade	Density	Melting Point	Tensile Strength
AWS A 5.14 ASME SFA A5.14	8.9	1325-1370°C 2417-2498°F	690Mpa 100Ksi

What is ERNiCrMo-4 welding wires| rods used for?

Similar materials welding or dissimilar welds between nickel base alloys and low alloy or stainless steels
Chemical Container Pipeline weld overlay

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Pump valves cladding
Power Generation flue gas desulfurization

Hastlloy is a trademark of high-performance nickel-based alloys developed by Haynes International, Inc.

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