

KW-T625

Inconel 625 / Incoloy 825

Classifications

EN ISO 18274:2005	: SNI6625 (NiCr22Mo9Nb)	JIS Z 3334:2011	: SNI6625 (NiCr22Mo9Nb)
AWS A5.14-2011	: ERNiCrMo-3	KS B 18274:2014	: SNI6625 (NiCr22Mo9Nb)

Description

- TIG consumable for Inconel 625, Incoloy 825.
- It can be used for surfacing of 9% Ni steels and dissimilar welding of Inconel 625 to stainless steels.
- The weld metal has high strength and good corrosion resistance at broad temperature.

Typical chemical composition of wire (%)

C	Si	Mn	Cr	Ni	Mo	Nb
0.01	0.08	0.03	22.24	63.80	8.67	3.36

Typical mechanical properties of all-weld metal

	Y.S. (MPa)	T.S. (MPa)	El. (%)
AWS A5.14 Example	506	760 773	54