

**Classifications**

EN ISO 14343-B:2009	: SS 312	JIS Z 3321:2013	: YS312
AWS A5.9:2012	: ER312	KS D 3696:2006	: STSY312

**Description**

- TIG welding of 29%Cr-9%Ni STS and dissimilar steels such as 304L to mild steels or low alloy steels.
- A various application to high, low carbon steel and cold welding.

**Typical chemical composition of wire (%)**

C	Si	Mn	Ni	Cr
0.11	0.41	1.81	8.92	30.63

**Typical mechanical properties of all-weld metal**

	Y.S (MPa)	T.S (MPa)	El. (%)
AWS A5.9		min. 660	min. 22
EN ISO 14343	min. 450	min. 650	min. 15
Example	480	790	25