

Classifications

EN ISO 14343-B:2007	: SS 308	KS D 7026:2005	: Y309
AWS A5.9-07	: ER308	JIS Z 3321:2008	: Y309

Description

- MIG welding of 22%Cr-12%Ni STS and dissimilar steels such as 304L to mild steels or low alloy steels.
- A various application of petrochemical and fiber industrial apparatus.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.05	0.42	1.55	13.29	23.12

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)
AWS A5.9		min. 550	min. 25
EN ISO 14343	min. 350	min. 550	min. 30
Example	420	610	40

Classifications

EN ISO 14343-B:2007	: SS 309L	KS D 7026:2005	: Y309L
AWS A5.9-07	: ER309L	JIS Z 3321:2008	: Y309L

Description

- MIG welding of 22%Cr-12%Ni STS and dissimilar steels such as 304L to mild steels or low alloy steels.
- A various application of petrochemical and fiber industrial apparatus.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.01	0.45	1.64	13.78	23.09

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J) 0°C
AWS A5.9		min. 520	min. 30	
EN ISO 14343	min. 320	min. 510	min. 25	
Example	410	590	42	100