

Classifications

EN ISO 14343-B:2007	: SS 308	KS D 7026:2005	: Y308
AWS A5.9-07	: ER308	JIS Z 3321:2008	: Y308

Description

- MIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)
- A various application of the petrochemical, flesh water, medicine and fertilizer industrial apparatuses.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.04	0.47	1.61	9.57	19.87

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J) 0°C	-40°C
AWS A5.9		min. 550	min. 35		
EN ISO 14343	min. 350	min. 550	min. 30		
Example	410	610	40	110	82

Classifications

EN ISO 14343-B:2007	: SS 308	KS D 7026:2005	: Y308L
AWS A5.9-07	: ER308L	JIS Z 3321:2008	: Y308L

Description

- MIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)
- A various application of the petrochemical, nuclear power plant apparatuses.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.01	0.49	1.75	9.64	19.63

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J) 0°C	-196°C
AWS A5.9		min. 520	min. 35		
EN ISO 14343	min. 320	min. 510	min. 30		
Example	380	570	44	90	60