

M-309LMo

For austenite stainless steel (22%Cr-12%Ni-Mo STS)

Classifications

EN ISO 14343-A:2009	: G 23 12 2 L	AWS A5.9-2012	: ER309LMo
EN ISO 14343-B:2009	: SS 309LMo	JIS Z 3321:2013	: YS309LMo

Description

- MIG welding of 22%Cr-12%Ni-2%Mo austenite stainless steels.
- A various application of the petrochemical plant apparatus.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr	Mo
0.01	0.45	1.51	14.62	21.59	2.60

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	0℃	IV (J) -196℃
EN ISO 14343	min. 350	min. 550	min. 25		
Example	420	660	33	92	89