



WELDING PRODUCTS

**CERTIFICATE OF ANALYSIS**

CUSTOMER :  
MARKED FOR :  
PACK SLIP/ORDER# :

P.O. NUMBER : 118902  
DATE : 08/28/2017  
WORK ORDER :

TYPE : 308/308L

SIZE : 1/16"\*36"

LOT NO. : 1TA339

LBS SHIPPED : 10 lbs

HEAT NO. : E85627

SPECIFICATION : AWS A5.9, ASME SFA5.9  
ER308/ER308L

PART NUMBER : S512511-A12

**Actual Chemistry :**

**FILLER METAL CHEMISTRY(%)**

C	0.017
Cr	19.77
Ni	10.35
Mo	0.08
Mn	1.56
Si	0.51
P	0.023
S	0.019
Cu	0.09
Nb	0.007
N	0.040

This material has not come in contact with mercury or mercury containing compounds.

**Typical Mechanical Properties :**

85,000 Tensile Psi

58,000 Yield Psi

36 % Elongation

Charpy V-Notch Average = 43 Ft Lbs. @ -320 Degrees F

This typical mechanical Information should not be construed as actual results.

**Ferrite(s) :**

FN (Magnetic)

10.0 FN (DeLong)

9.2 FN (WRC)

8.8 % Ferrite (Schaeffler)

We hereby certify that the above product has been classified in accordance with the listed specification and conforms to all applicable requirements thereof.

Filler Metals Quality Assurance

Hobart Brothers Company

Hobart Square

Troy, Ohio 45373

Authorized Signature

*J. M. Wang*