



CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 118960
DATE : 12/06/2017
WORK ORDER :

TYPE : 309/309L

SIZE : 3/32" x 36"

LOT NO. : 1TA355

LBS SHIPPED : 10 lbs

HEAT NO. : E89873

SPECIFICATION : AWS A5.9, ASME SFA5.9
ER309/ER309L

PART NUMBER : S510837-A12

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.010
Cr	23.00
Ni	13.80
Mo	0.07
Mn	1.60
Si	0.48
P	0.020
S	0.002
Cu	0.09
Nb	0.002
N	0.050

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

Typical Mechanical Properties :

87,000 Tensile Psi

59,000 Yield Psi

40 % Elongation

Charpy V-Notch Average = 100 Ft Lbs. @ RT Degrees F

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

Ferrite(s) :

FN (Magnetic)

11.9 FN (DeLong)

9.6 FN (WRC)

8.0 % 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

I. M. WANG