



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119443
DATE : 09/19/2019
WORK ORDER :

TYPE : 309/309L

SIZE : 0.045"

LOT NO. : 9090486511

LBS SHIPPED : 30 lbs

HEAT NO. : E33865

SPECIFICATION : AWS A5.9, ASME SFA5.9

PART NUMBER : S520812-A26

ER309/ER309L EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.010
Cr	23.10
Ni	13.80
Mo	0.08
Mn	1.50
Si	0.48
P	0.020
S	0.001
Cu	0.10
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)

12.5 FN (DeLong)

10.0 FN (WRC)

8.3 % 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