



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119154
DATE : 08/22/2018
WORK ORDER :

TYPE : 309L HISIL

SIZE : 0.035"

LOT NO. : 8080471809

LBS SHIPPED : 30 lbs

HEAT NO. : E23718

SPECIFICATION : AWS A5.9, ASME SFA5.9
ER309LSi

PART NUMBER : S527508-126

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.010
Cr	23.05
Ni	13.60
Mo	0.09
Mn	1.80
Si	0.93
P	0.020
S	0.001
Cu	0.34
Nb	0.002
N	0.070

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

Typical Mechanical Properties :

87,000 Tensile Psi

56,000 Yield Psi

36 % Elongation

Charpy V-Notch Average = 92 Ft Lbs. @ RT Degrees F

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

Ferrite(s) :

FN (Magnetic)

13.5 FN (DeLong)

8.9 FN (WRC)

9.8 % 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. WALKER