



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP\ORDER# :

P.O. NUMBER : 119124
DATE : 07/10/2018
WORK ORDER :

TYPE : 316/316L

SIZE : 0.045"

LOT NO. : 8060782511

LBS SHIPPED : 30 lbs

HEAT NO. : E21825

SPECIFICATION : AWS A5.9, ASME SFA5.9
ER316/ER316L

PART NUMBER : S522312-A26

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.013
Cr	18.03
Ni	12.06
Mo	2.60
Mn	1.50
Si	0.56
P	0.026
S	0.001
Cu	0.32
Nb	0.006
N	0.040

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

Typical Mechanical Properties :

86,000 Tensile Psi
57,000 Yield Psi
36 % Elongation

Charpy V-Notch Average = 34 Ft Lbs. @ -320 Degrees F

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

Ferrite(s) :

FN (Magnetic)
8.7 FN (DeLong)
6.5 FN (WRC)
6.9 % 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. Wray