HOBART FILLER METALS

WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :

MARKED FOR :

PACK SLIP\ORDER# :

P.O. NUMBER : 119374

DATE : 06/03/2019

WORK ORDER :

TYPE : 316/316L

SIZE : 3/32"*36"

LOT NO. : 1TA388

LBS SHIPPED : 10 lbs

HEAT NO. : E31785

SPECIFICATION : AWS A5.9, ASME SFA5.9
ER316/ER316L EN 10204 3.1 (For Actual Chemistry Only)

PART NUMBER : S512337-A12

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.009
Cr	18.02
Ni	12.07
Mo	2.50
Mn	1.50
Si	0.55
P	0.028
S	0.000
Cu	0.33
Nb	0.017
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)
6.5 FN (Delong)
4.5 FN (WRC)
5.3 % 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 J M. Wong