



CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119435
DATE : 09/30/2019
WORK ORDER :

TYPE : 308/308L

SIZE : 1/8"*36"

LOT NO. : 9090561507

LBS SHIPPED : 10 lbs

HEAT NO. : E31615

SPECIFICATION : AWS A5.9, ASME SFA5.9

PART NUMBER : S512546-112

ER308/ER308L EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

| | |
|----|-------|
| C | 0.020 |
| Cr | 19.71 |
| Ni | 10.31 |
| Mo | 0.10 |
| Mn | 1.54 |
| Si | 0.49 |
| P | 0.023 |
| S | 0.018 |
| Cu | 0.09 |
| Nb | 0.009 |
| N | 0.040 |

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

Typical Mechanical Properties :

85,000 Tensile Psi
58,000 Yield Psi
36 % Elongation

Charpy V-Notch Average = 43 Ft Lbs. @ -320 Degrees F

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

Ferrite(s) :

FN (Magnetic)
9.6 FN (DeLong)
8.8 FN (WRC)
8.5 % 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