



CERTIFICATE OF ANALYSIS

CUSTOMER :

P.O. NUMBER : 2000-009796/PO:ICO-01728295

MARKED FOR :

DATE : 12/25/2024

PACK SLIP/ORDER# :

WORK ORDER :

TYPE : 316/316L

SIZE : 0.035"

LOT NO. : 241114116M09

PACKAGE WEIGHT : 30 lbs

HEAT NO. : E45116

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S522308-I26

ER316/ER316L EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.008
Cr	18.01
Ni	12.04
Mo	2.50
Mn	1.50
Si	0.53
P	0.027
S	0.001
Cu	0.33
Nb	0.026
N	0.040

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

Typical Mechanical Properties :

80,000 Tensile Psi

63,000 Yield Psi

38 % Elongation

Charpy V-Notch Average = 26 Ft Lbs. @ -320 Degrees F

Lateral Expansion = 21 mils @ -320 Degrees F

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

Ferrite(s) :

FN (Magnetic)

8.6 FN (DeLong)

6.7 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

Thomas Yeh