



**CERTIFICATE OF ANALYSIS**

CUSTOMER :

P.O. NUMBER : 2000-011884/PO:ICO-02068592

MARKED FOR :

DATE : 09/03/2025

PACK SLIP\ORDER# :

WORK ORDER :

TYPE : 316L HISIL

SIZE : 0.035"

LOT NO. : 250714852M09

PACKAGE WEIGHT : 30 lbs

HEAT NO. : E72852

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S527408-I26

ER316LSi EN 10204 3.1 (For Actual Chemistry Only)

**Actual Chemistry :**

**FILLER METAL CHEMISTRY(%)**

C	0.010
Cr	18.07
Ni	12.57
Mo	2.50
Mn	1.50
Si	0.82
P	0.027
S	0.001
Cu	0.33
Nb	0.018
N	0.040

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

**Typical Mechanical Properties :**

87,000 Tensile Psi

65,000 Yield Psi

38 % Elongation

Charpy V-Notch Average = 30 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)

8.8 FN (DeLong)

5.0 FN (WRC)

6.7 % 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*