HOBART FILLER METALS

WELDING PRODUCTS

## CERTIFICATE OF ANALYSIS

CUSTOMER :

MARKED FOR :

PACK SLIP\ORDER# :

P.O. NUMBER : 2000-014688/PO:ICO-02498992

DATE : 06/25/2026

WORK ORDER :

TYPE : 316L HISIL

SIZE : 0.035"

LOT NO. : 260601138M09

PACKAGE WEIGHT : 30 lbs

HEAT NO. : E76138

SPECIFICATION : AWS A5.9, ASME SFA-5.9
ER316LSi EN 10204 3.1 (For Actual Chemistry Only)

PART NUMBER : S527408-I26

**Actual Chemistry :**

### FILLER METAL CHEMISTRY(%)

| | |
|---|---|
| C | 0.011 |
| Cr | 18.00 |
| Ni | 12.55 |
| Mo | 2.50 |
| Mn | 1.50 |
| Si | 0.85 |
| P | 0.027 |
| S | 0.001 |
| Cu | 0.34 |
| Nb | 0.057 |
| 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)
8.1 FN (Delong)
5.0 FN (WRC)
7.2 % 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