HOBART FILLER METALS

WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :

MARKED FOR :

PACK SLIP\ORDER# :

P.O. NUMBER : 2000-005112/PO:ICO-01013680

DATE : 05/22/2023

WORK ORDER :

TYPE : 316L HISIL

SIZE : 0.035"

LOT NO. : 230512312M09

PACKAGE WEIGHT : 30 lbs

HEAT NO. : E60312

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	0.013
Cr	18.02
Ni	12.54
Mo	2.50
Mn	1.50
Si	0.83
P	0.029
S	0.001
Cu	0.33
Nb	0.015
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

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

Ferrite(s) :

FN (Magnetic)
8.5 FN (Delong)
4.6 FN (WRC)
6.5 % 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 Peter L