HOBART FILLER METALS

WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :

MARKED FOR :

PACK SLIP\ORDER# :

P.O. NUMBER : 2000-003626/PO:ICO-792084

DATE : 12/21/2022

WORK ORDER :

TYPE : 316/316L

SIZE : 3/32"*36"

LOT NO. : 221205482T24

PACKAGE WEIGHT : 10 lbs

HEAT NO. : 6R482

SPECIFICATION : AWS A5.9, ASME SFA-5.9
ER316/ER316L EN 10204 3.1 (For Actual Chemistry Only)

PART NUMBER : S512337-I12

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.013
Cr	18.29
Ni	11.22
Mo	2.52
Mn	1.85
Si	0.57
P	0.024
S	0.017
Cu	0.09
Nb	0.010
N	0.050

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

Typical Mechanical Properties :

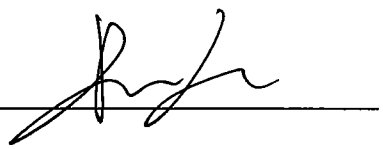
86,000 Tensile Psi
65,000 Yield Psi
51 % Elongation
Charpy V-Notch Average = 97 Ft Lbs. @ -320 Degrees F

Ferrite(s) :

FN (Magnetic)
10.7 FN (Delong)
9.7 FN (WRC)
9.0 % Ferrite (Schaeffler)

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

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