



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER:
MARKED FOR:
PACK SLIP\ORDER#:

P.O. NUMBER:119641
DATE:12/15/2020
WORK ORDER:

TYPE: FabCO 309LT1

Part No.: S689212-078

SIZE:0.045in.

LOT NO.: 012049912K

LBS SHIPPED:11550LB

HEAT NO.: B3005523

SPECIFICATION: AWS A5.22, ASME SFA5.22 EN 10204 3.1

CLASS: E309LT1-1/4

Shielding Medium: 75%Ar+25%CO₂

Actual Chemistry:

FILLER METAL CHEMISTRY(%)

C	0.021
Cr	23.2
Ni	13.0
Mo	0.008
Mn	0.925
Si	0.416
P	0.019
S	0.002
Cu	0.008
Nb	0.016
N	0.032

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

Actual Mechanical Properties:

Ferrite(s):

81,594 Tensile PSI

Yield PSI

38 % Elongation

Charpy V-Notch Average = 42 Ft Lbs. @ -4 Degrees F

FN (Magnetic)
14 FN (WRC-1992)

Inspection Certificate according to EN 10204 Type 3.1

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



Zhoujian.LI, Quality Manager