



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119716
DATE : 05/13/2021
WORK ORDER :

TYPE : 309/309L

SIZE : 3/32" x 36"

LOT NO. : 210428603T24

LBS SHIPPED : 10 lbs

HEAT NO. : 6H603

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S510837-112

ER309/ER309L EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.021
Cr	23.09
Ni	13.61
Mo	0.03
Mn	2.28
Si	0.44
P	0.027
S	0.011
Cu	0.13
Nb	0.002
N	0.054

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

Typical Mechanical Properties :

87,000 Tensile Psi
59,000 Yield Psi
40 % Elongation

Charpy V-Notch Average = 100 Ft Lbs. @ RT Degrees F

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

Ferrite(s) :

FN (Magnetic)
10.1 FN (DeLong)
8.8 FN (WRC)
7.0 % 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