



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119748
DATE : 08/02/2021
WORK ORDER :

TYPE : 309L HISIL

SIZE : 0.045"

LOT NO. : 210625839M11

LBS SHIPPED : 550 lbs

HEAT NO. : 6J839

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S527512-550

ER309LSi EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.020
Cr	23.15
Ni	13.30
Mo	0.05
Mn	1.55
Si	0.90
P	0.023
S	0.014
Cu	0.13
Nb	0.010
N	0.073

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

Typical Mechanical Properties :

87,000 Tensile Psi

56,000 Yield Psi

36 % Elongation

Charpy V-Notch Average = 92 Ft Lbs. @ RT Degrees F

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

Ferrite(s) :

FN (Magnetic)

13.7 FN (DeLong)

9.0 FN (WRC)

10.1 % 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 D.