



WELDING PRODUCTS

CERTIFICATE OF ANALYSIS

CUSTOMER :
MARKED FOR :
PACK SLIP/ORDER# :

P.O. NUMBER : 119731
DATE : 06/25/2021
WORK ORDER :

TYPE : 309L HISIL

SIZE : 0.045"

LOT NO. : 210513382M11

LBS SHIPPED : 30 lbs

HEAT NO. : 6H382

SPECIFICATION : AWS A5.9, ASME SFA-5.9

PART NUMBER : S527512-I26

ER309LSi EN 10204 3.1 (For Actual Chemistry Only)

Actual Chemistry :

FILLER METAL CHEMISTRY(%)

C	0.023
Cr	23.24
Ni	13.28
Mo	0.07
Mn	1.60
Si	0.87
P	0.023
S	0.012
Cu	0.19
Nb	0.002
N	0.076

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)

13.3 FN (DeLong)

8.8 FN (WRC)

10.0 % 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