



**Metallurgical Test Report**

Date: 7/11/2023

Customer No: 34380

Customer P.O.: 1010067

Mill Order No: 273416-1

Customer Reference No:

2551

Load No: 957329

This product was melted and manufactured in the USA to meet the requirements of: ASTM A653 CS Type B PGL-HR Galvanized Cut Edge-G90U, RoHS CT, Dry - No Oil

Ordered Size: Min 0.1140 (In.) X 48.00 (In.) X Coil

Coil Number(s): 1803148

Min 2.8956 (mm) X 1219 (mm) X Coil

**CHEMICAL ANALYSIS (Weight %)**

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo
AA9178	0.04	0.24	0.008	0.001	0.03	0.12	0.04	0.04	0.02
	Al	Ca	Nb	V	B	Ti	N	Sn	
	0.031	0.0025	0.000	0.001	0.0003	0.001	0.0097	0.006	

**MECHANICAL PROPERTIES**

Coil Tested									
Yield Strength(ksi)									
Yield Strength(mpa)									
Tensile Strength(ksi)									
Tensile Strength(mpa)									
% Elongation									
N-Value									
N-Value Range									
Hardness(HRBW)									
Test Section									
Orientation									
Test Method									

**GALVANIZATION - Coating Weight Average** (excluded from ISO 17025 accreditation)

Coil ID #	Top oz/ft2	Bottom oz/ft2	Top g/m2	Bottom g/m2	Coil ID #	Top oz/ft2	Bottom oz/ft2	Top g/m2	Bottom g/m2

The above tests were performed in accordance with EN 10204 3.1.

Hot rolled coils manufactured through Nucor Steel Gallatin do not contain welds or weld repairs at the time of shipment (FCA mill).

The above tests were performed in accordance with ASTM standards A370 and E8 (yield strength was determined using the 0.2% offset method and elongation was determined using the at fracture method), or JIS Z2241, ASTM E18, ASTM E415, and ASTM E1019 and are correct as contained in the records of the company.

This report shall not be reproduced, except in full, without written approval of the undersigned laboratory supervisor or manager.

\*\* This mechanical property has been tested at a subcontractor's laboratory.

Carey Dale  
 Lab Supervisor

carey.dale@nucor.com