



Metallurgical Test Report

Invoice T Ship To: Date: 7/3/2024
 Customer No: 8691
 Customer P.O.: 0100530

Mill Order No: 286780-1 Customer Reference No: 48798 Load No: 1000206

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

Coil Number(s): 1874971-2 Ordered Size: Min 0.0990 (In.) X 48.00 (In.) X Coil
 Min 2.5146 (mm) X 1219 (mm) X Coil

CHEMICAL ANALYSIS (Weight %)

| Heat No | C | Mn | P | S | Si | Cu | Ni | Cr | Mo |
|---------|-------|--------|-------|-------|--------|-------|--------|-------|------|
| AB2864 | 0.04 | 0.24 | 0.007 | 0.002 | 0.02 | 0.09 | 0.06 | 0.08 | 0.01 |
| | Al | Ca | Nb | V | B | Ti | N | Sn | |
| | 0.037 | 0.0015 | 0.000 | 0.001 | 0.0001 | 0.001 | 0.0090 | 0.003 | |

MECHANICAL PROPERTIES

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

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 |
|-----------|------------|---------------|----------|-------------|-----------|------------|---------------|----------|-------------|
| | | | | | | | | | |
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| | | | | | | | | | |

The above tests apply to the sample as received.

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.

The decision rule for conformance to the specification or requirements is based on simple acceptance.

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

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

Darren Mathes
 Chief Metallurgist

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