

Date: 11/7/2024 Tag: B30110624 To: SENTRY SUPPLY dba SO#: A848127 Lot#: 1 PO#: 252857 Part: F03104020\* Qty: 20 Heat#: 63242733\*



US-ML-JACKSON TN  
 801 GERDAU AMERISTEEL ROAD  
 JACKSON, TN 38305  
 USA

**CERTIFIED MATERIAL TEST REPORT**

|   |  |                                   |                    |  |                                     |                             |
|---|--|-----------------------------------|--------------------|--|-------------------------------------|-----------------------------|
| CUSTOMER SHIP TO                            |  | CUSTOMER BILL TO                  |                    | GRADE<br>GGMULTI   | SHAPE / SIZE<br>Flat Bar / 5/16 X 4 | DOCUMENT ID:<br>0000648295  |
| SALES ORDER<br>14284821/000080              |  | CUSTOMER MATERIAL N°              |                    | LENGTH<br>20'00"   | WEIGHT<br>4,845 LB                  | HEAT / BATCH<br>63242733/04 |
| CUSTOMER PURCHASE ORDER NUMBER<br>SSW145264 |  | BILL OF LADING<br>1333-0000244997 | DATE<br>09/25/2024 | SPECIFICATION / DATE or REVISION<br>ASTM A529-19, A572-21E1<br>ASTM A6-24A, A36-19, ASME SA36<br>ASTM A709-21, AASHTO M270-20<br>CSA G40.20-13/G40.21-13 (R23) |                                     |                             |

| CHEMICAL COMPOSITION |        |       |       |        |        |        |        |       |       |        |        |                         |        |
|----------------------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|-------------------------|--------|
| C (%)                | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo(%) | V (%) | Nb (%) | Al (%) | CEq <sup>A529</sup> (%) | Sn (%) |
| 0.14                 | 0.68   | 0.010 | 0.023 | 0.17   | 0.27   | 0.11   | 0.16   | 0.030 | 0.002 | 0.007  | 0.001  | 0.35                    | 0.009  |

| MECHANICAL PROPERTIES |              |          |           |           |          |          |
|-----------------------|--------------|----------|-----------|-----------|----------|----------|
| Elong. (%)            | G/L (Inches) | G/L (mm) | UTS (PSI) | UTS (MPa) | YS (PSI) | YS (MPa) |
| 26.00                 | 8.000        | 200.0    | 71782     | 495       | 55723    | 384      |
| 27.00                 | 8.000        | 200.0    | 71998     | 496       | 56414    | 389      |


| GEOMETRIC CHARACTERISTICS |
|---------------------------|
| R.R                       |
| 27.81                     |


**COMMENTS / NOTES**

This grade meets the requirements for the following grades:  
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50  
 CSA Grades: 44W; 50W  
 AASHTO Grades: M270-36; M270-50  
 ASME Grades: SA36

Gerdau's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdau possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

  
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