

CERTIFIED MATERIAL TEST REPORT



US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

| | | | | | | |
|--------------------------------|--|--------------------------------|--|--|---|--------------|
| CUSTOMER SHIP TO | | CUSTOMER BILL TO | | GRADE | SHAPE / SIZE | DOCUMENT ID: |
| CATOOSA,OK 74015-3033 USA | | MANHATTAN,KS 66505-1688 USA | | A992/A572-50 | Wide Flange Beam / 16 X 36# / 410 X 53 | 0000902970 |
| SALES ORDER | | CUSTOMER MATERIAL N° | | LENGTH | PCS | WEIGHT |
| 12611916/000270 | | 000000003716360055 | | 55'00" | 5 | 9,900 LB |
| BILL OF LADING | | DATE | | SPECIFICATION / DATE or REVISION | | |
| 1327-0000516078 | | 03/01/2023 | | ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W | | |
| CUSTOMER PURCHASE ORDER NUMBER | | | | | | |
| 4500544229 | | | | | | |

| CHEMICAL COMPOSITION | | | | | | | | | | | | | |
|----------------------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|------------|
| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo (%) | Sn (%) | V (%) | Nb (%) | Al (%) | CEqvA6 (%) |
| 0.08 | 0.91 | 0.025 | 0.039 | 0.18 | 0.36 | 0.12 | 0.24 | 0.025 | 0.007 | 0.002 | 0.018 | 0.000 | 0.31 |

| MECHANICAL PROPERTIES | | | | | | | | YS (MPa) | UTS (MPa) | Y/T rati (%) | G/L (Inches) | G/L (mm) | Elong. (%) |
|-----------------------|--|-----------|--|----------|--|-----------|--|--------------|-----------|--------------|--------------|----------|------------|
| YS 0.2% (PSI) | | UTS (PSI) | | YS (MPa) | | UTS (MPa) | | Y/T rati (%) | | G/L (Inches) | | G/L (mm) | |
| 56248 | | 71011 | | 388 | | 490 | | 0.790 | | 8.000 | | 200.0 | |
| 55776 | | 70466 | | 385 | | 486 | | 0.790 | | 8.000 | | 200.0 | |

COMMENTS / NOTES

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.

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Wade L. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.

Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com