

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO: LP
 H USA
 SALES ORDER: 13414507/000070

CUSTOMER BILL TO: P
 USA

GRADE: A992/AS72-50
 LENGTH: 50'00"
 PCS: 1

SHAPE / SIZE: Wide Flange Beam / 16 X 57# / 410 X 85
 WEIGHT: 2,850 LB
 HEAT / BATCH: 58058470/02

SPECIFICATION / DATE of REVISION:
 ASTM A6-17
 ASTM A709-21 GR50
 ASTM A992-20, A572-21
 CSA G40.21-13 345WM, 50W

CUSTOMER PURCHASE ORDER NUMBER: SSW138800

BILL OF LADING: 1327-0000549143
 DATE: 10/04/2023

CUSTOMER MATERIAL N°

GERDAU
 US-MIDMIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

| CHEMICAL COMPOSITION | | C (%) | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo (%) | Sn (%) | V (%) | Nb (%) | CEqvA6 (%) |
|----------------------|------|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|------------|
| 0.09 | 0.89 | 0.019 | 0.037 | 0.21 | 0.28 | 0.09 | 0.19 | 0.021 | 0.010 | 0.001 | 0.021 | 0.001 | 0.021 | 0.31 |

| MECHANICAL PROPERTIES | | YS (MPa) | UTS (MPa) | YS (PSI) | UTS (PSI) | Y/T ratio (%) | G/L (Inches) | G/L (mm) | Elong. (%) |
|-----------------------|-------|----------|-----------|----------|-----------|---------------|--------------|----------|------------|
| 61737 | 59267 | 426 | 409 | 76199 | 79224 | 0.810 | 8.000 | 200.0 | 22.90 |
| | | 546 | 546 | | | 0.750 | 8.000 | 200.0 | 23.00 |

COMMENTS / NOTES

Gerda's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact 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 Gerda's 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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